

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 3

APPLICATION FOR PERMIT TO DRILL
1A. TYPE OF WORK: DRILL [X] REENTER [] DEEPEN []
B. TYPE OF WELL [] OIL [X] GAS OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []
2. NAME OF OPERATOR: QEP UINTA BASIN, INC.
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-4331
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1522' FSL 1257' FWL AT PROPOSED PRODUCING ZONE: SAME
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 8 +/- MILES FROM OURAY, UT
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 1257' +/-
16. NUMBER OF ACRES IN LEASE: 600
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 20
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)
19. PROPOSED DEPTH: 11450'
20. BOND DESCRIPTION: 04127294
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4745.8' GR
22. APPROXIMATE DATE WORK WILL START: ASAP
23. ESTIMATED DURATION: 20 DAYS

24 PROPOSED CASING AND CEMENTING PROGRAM
Table with 4 columns: SIZE OF HOLE, CASING SIZE, GRADE, AND WEIGHT PER FOOT, SETTING DEPTH, CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT. Rows include 20", 12 1/4", 8 3/4", and 6 1/8" casing sizes.

25 ATTACHMENTS
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERATION GENERAL RULES:
[X] WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
[X] COMPLETE DRILLING PLAN
[X] EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
[] FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OW

NAME (PLEASE PRINT) Jan Nelson TITLE Regulatory Affairs
SIGNATURE [Signature] DATE 3/3/06

(This space for State use only)
API NUMBER ASSIGNED: 43-047-37870 APPROVAL:

(11/2001)

(See Instruction on Reverse Side)

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 04-13-06
By: [Signature]

Federal Approval of this
Action is Necessary

RECEIVED
MAR 07 2006
DIV. OF OIL, GAS & MINING

T8S, R21E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

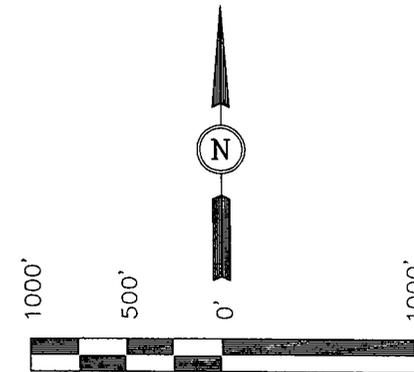
Well location, WV #12DML-16-8-21, located as shown in the NW 1/4 SW 1/4 of Section 16, T8S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

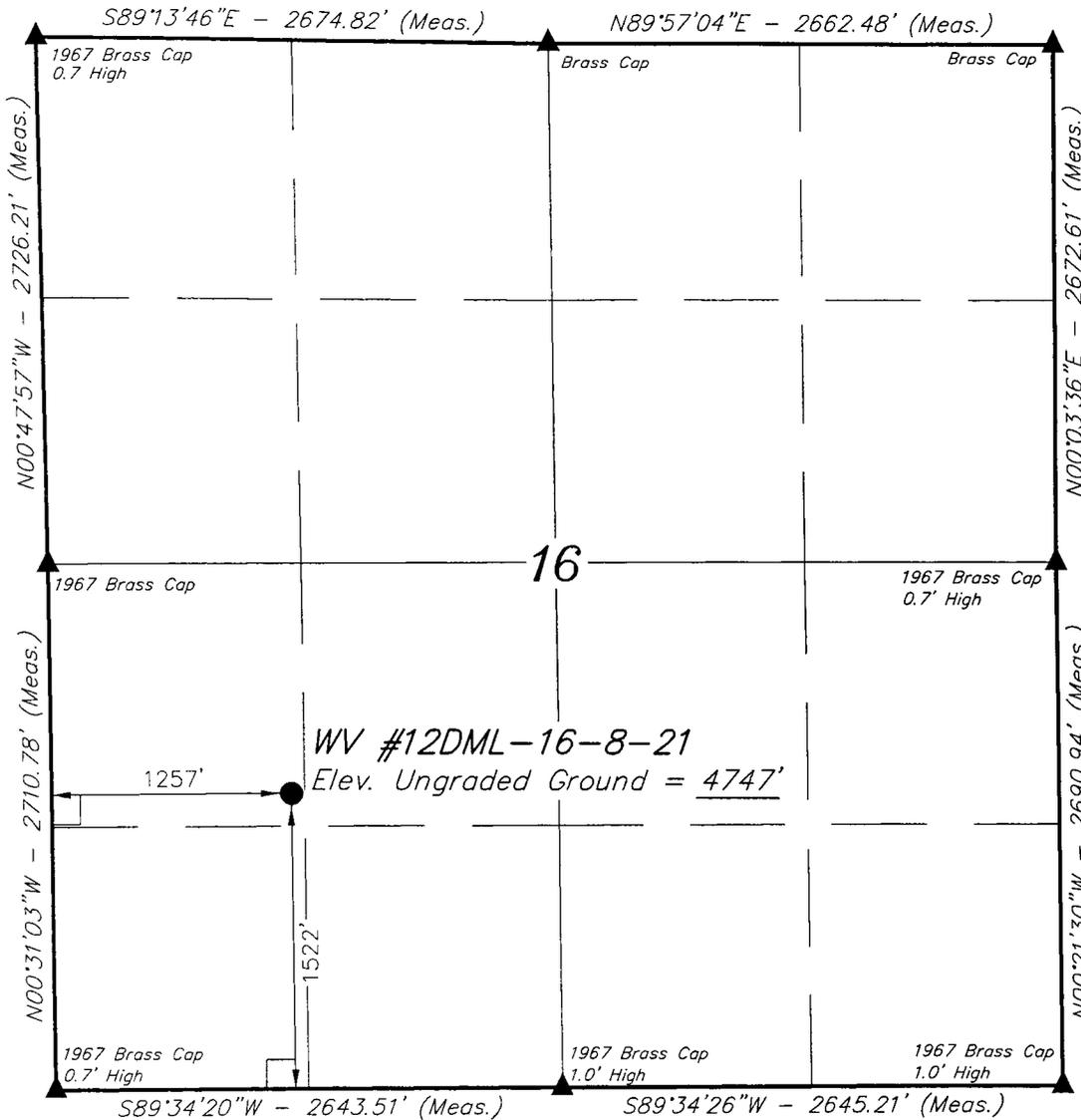
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert H. ...

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-23-05	DATE DRAWN: 01-19-06
PARTY D.A. C.F. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 40°07'12.69" (40.120192)
 LONGITUDE = 109°33'52.49" (109.564581)
 (NAD 27)
 LATITUDE = 40°07'12.82" (40.120228)
 LONGITUDE = 109°33'50.00" (109.563889)

Additional Operator Remarks

QEP Uinta Basin, Inc. proposes to drill a well to 11450' to test the Mesa Verde. This well will be drilled on 20 acre spacing, as the general well location regulation has been vacated for this Wonsits Valley Unit. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirement.

See Onshore Order No. 1 attached

Please be advised that QEP Uinta Basin, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. 04127294. The principal is QEP Uinta Basin, Inc. via surety as consent as provided for the 43 CFR 3104.2.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth, TVD</u>
Uinta	Surface
Green River	2,644'
Mahogany	3,562'
Wasatch	6,034'
Mesaverde	9,259'
Sego	11,329'
TD	11,450'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>
Gas	Wasatch	6,034'
Gas	Mesaverde	9,259'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of the State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or where possible a fresh water line (poly pipe) will be laid in the access road to each location to supply fresh water for drilling purposes.

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

DRILLING PROGRAM

3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
20"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	450'	36.0	J-55	STC	New
8-3/4"	7"	sfc	7,500'	26.0	N-80	LTC	New
6-1/8"	4-1/2"	sfc	11,450'	11.6	P-110	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	N-80	LTC	5,410 psi	7,240 psi	519,000 lb.
4-1/2"	11.6 lb.	P-110	LTC	7,580 psi	10,690 psi	279,000 lb.

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. If drilling with air the following will be used:
 - G. The blooie line shall be at least 6” in diameter and extend at least 100’ from the well bore into the reserve/blooie pit.
 - H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500’).
 - I. Compressor shall be tied directly to the blooie line through a manifold.
 - J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.
Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud Logging – 1500' to TD
GR-SP-Induction
Neutron Density
- D. Formation and Completion Interval: Green River/Wasatch/Mesaverde interval, final determination of completion will be made by analysis of logs.
Stimulation: Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

14" Conductor:

Cement to surface with construction cement.

9-5/8" Surface Casing: sfc - 450' (MD)

Lead/Tail Slurry: 0' – 450'. 240 sks (280 cu ft) Premium AG cement + 2% CaCl₂ + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft³/sk, Slurry volume: 12-1/4" hole + 100% excess.

7" Intermediate Casing: sfc - 7,500' (MD)

Lead Slurry: 0' – 5,500'. 315 sks (1215 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

Tail Slurry: 5,500' – 7,500'. 365 sks (455 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess.

4-1/2" Production Casing: sfc - 11,450' (MD)

Lead Slurry: 0' - 5,500'. 150 sks (575 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft³/sk, Slurry volume: 4-1/2" casing inside 7" casing.

Tail Slurry: 5,500' – 11,450'. 770 sks (955 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 6-1/8" hole + 25% excess in open hole section.

DRILLING PROGRAM

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 6,250 psi. Maximum anticipated bottom hole temperature is 160° F.

9. Surface is owned by the Ute Indian Tribe.

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Rep.
QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4331

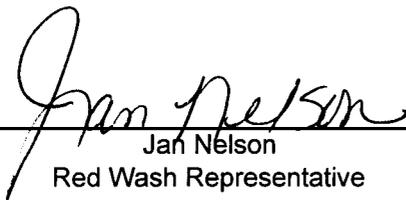
Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Jan Nelson
Red Wash Representative

03-Mar-06

Date

QUESTAR EXPLR. & PROD.

WV #12DML-16-8-21

LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T8S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

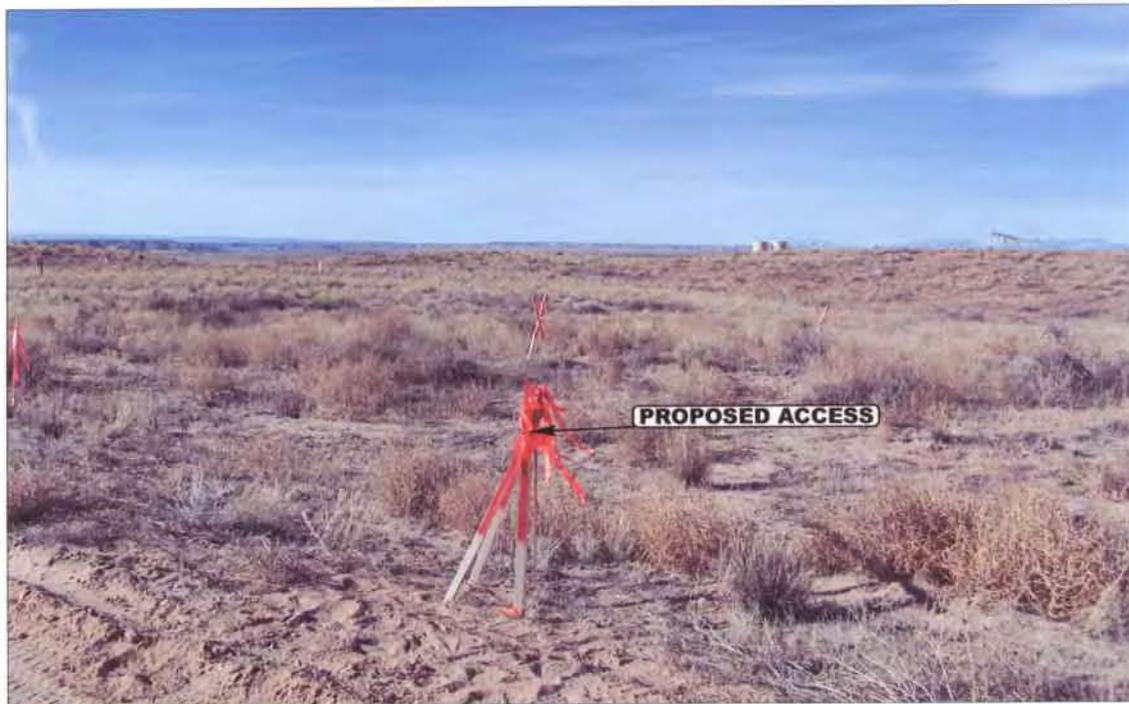


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

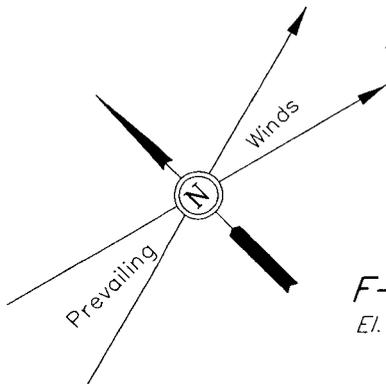
UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS			01	09	06	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: D.A.	DRAWN BY: C.P.	REVISED: 00-00-00				

QUESTAR EXPLR. & PROD.

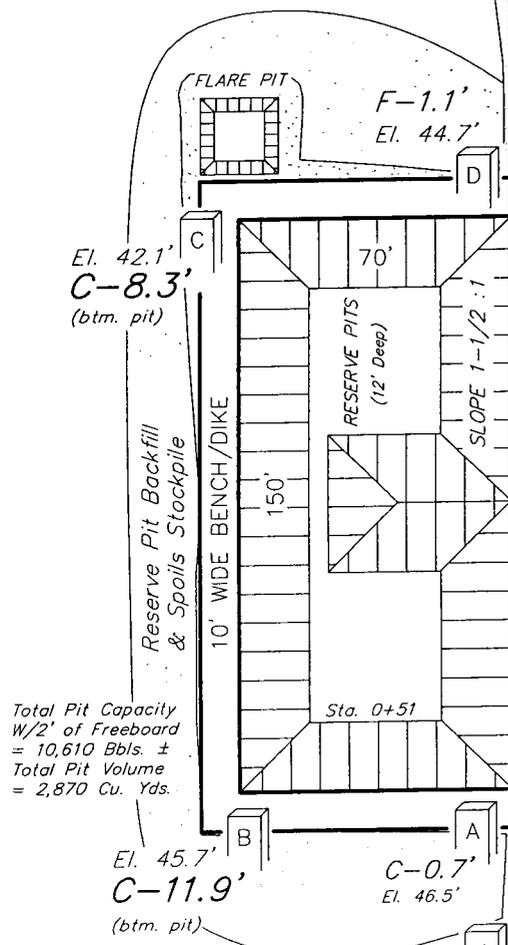
FIGURE #1

LOCATION LAYOUT FOR
 WV #12DML-16-8-21
 SECTION 16, T8S, R21E, S.L.B.&M.
 1522' FSL 1257' FWL

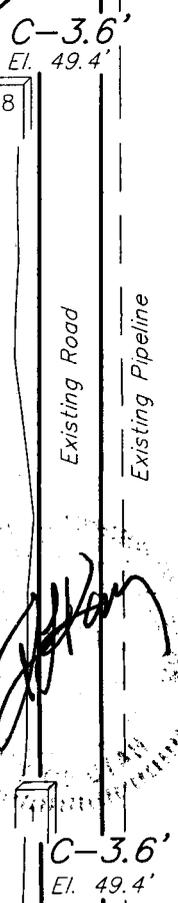
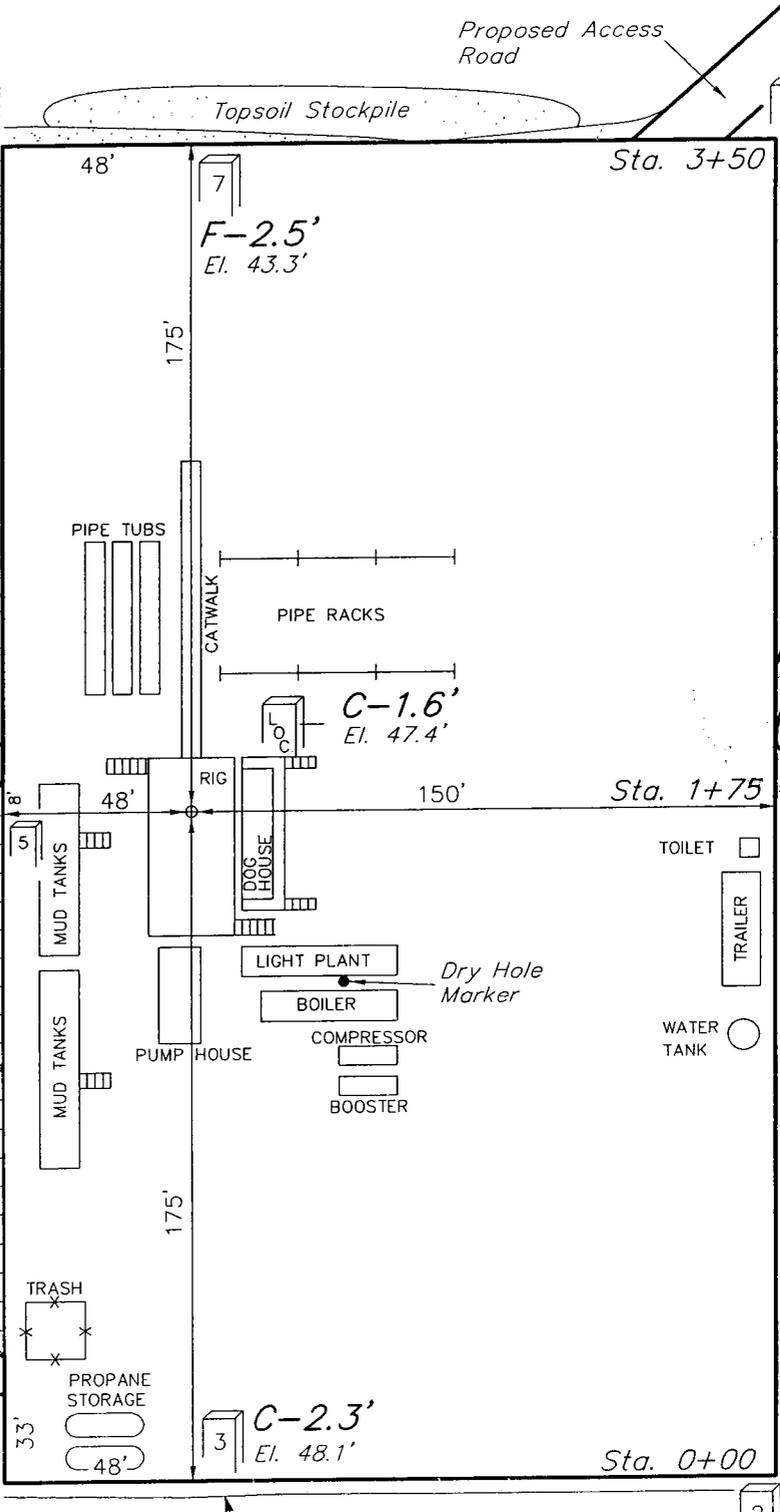


SCALE: 1" = 50'
 DATE: 01-19-06
 Drawn By: P.M.

NOTE:
 Flare Pit is to be located
 a min. of 100' from the
 Well Head.



Total Pit Capacity
 W/2' of Freeboard
 = 10,610 Bbls. ±
 Total Pit Volume
 = 2,870 Cu. Yds.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4747.4'
 FINISHED GRADE ELEV. AT LOC. STAKE = 4745.8'

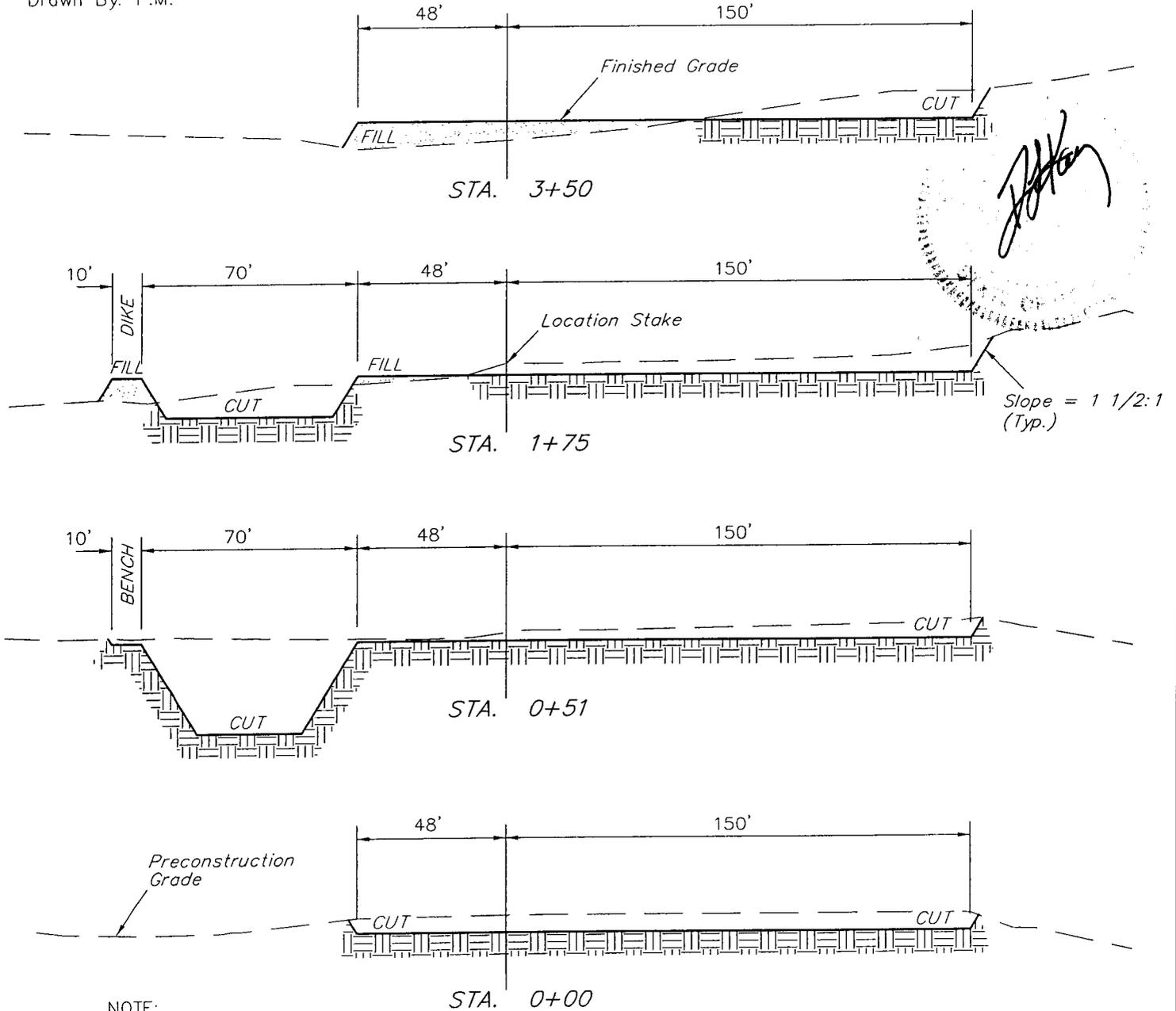
QUESTAR EXPLR. & PROD.

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 WV #12DML-16-8-21
 SECTION 16, T8S, R21E, S.L.B.&M.
 1522' FSL 1257' FWL

1" = 20'
 X-Section
 Scale
 1" = 50'

DATE: 01-19-06
 Drawn By: P.M.



NOTE:
 Topsoil should not be Stripped Below Finished Grade on Substructure Area.

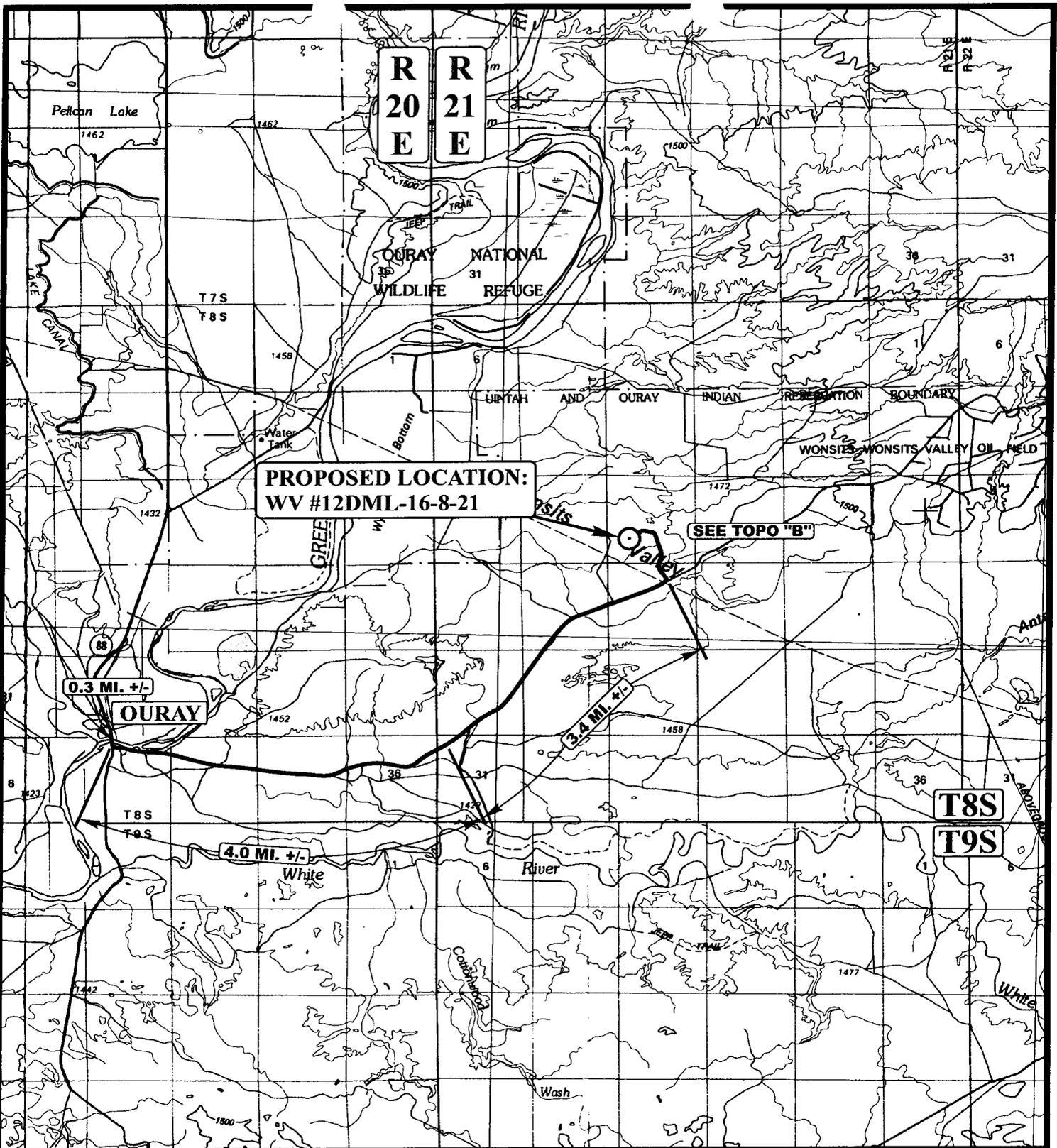
* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,370 Cu. Yds.
Remaining Location	= 4,130 Cu. Yds.
TOTAL CUT	= 7,500 CU.YDS.
FILL	= 2,420 CU.YDS.

EXCESS MATERIAL	= 5,080 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,810 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 270 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



**PROPOSED LOCATION:
WV #12DML-16-8-21**

SEE TOPO "B"

**0.3 MI. +/-
OURAY**

**3.4 MI. +/-
Wonsits Valley**

**4.0 MI. +/-
White River**

T8S

T9S

LEGEND:

⊙ PROPOSED LOCATION



QUESTAR EXPLR. & PROD.

**WV #12DML-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL**



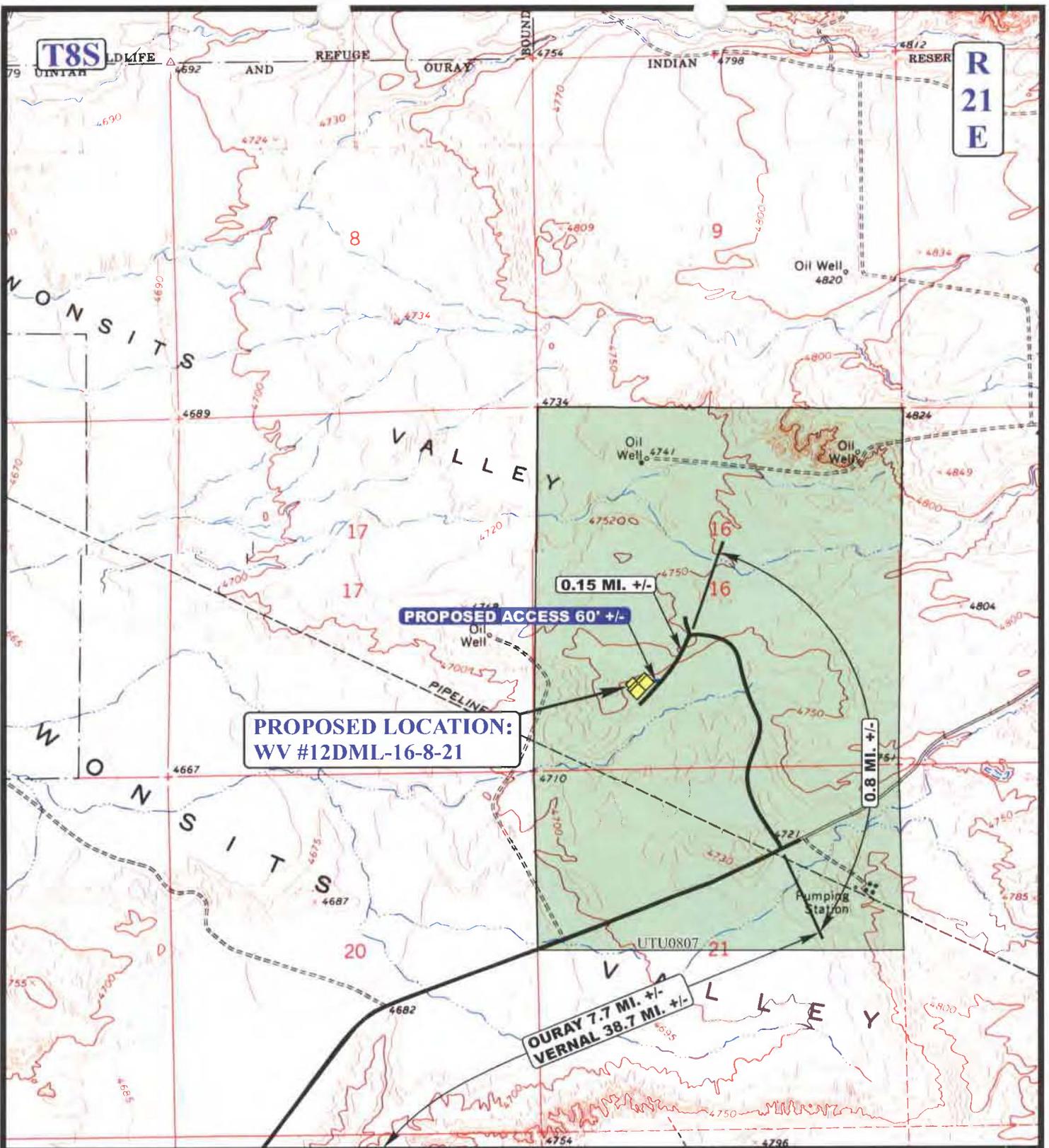
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

**01 09 06
MONTH DAY YEAR**

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



QUESTAR EXPLR. & PROD.

WV #12DML-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL



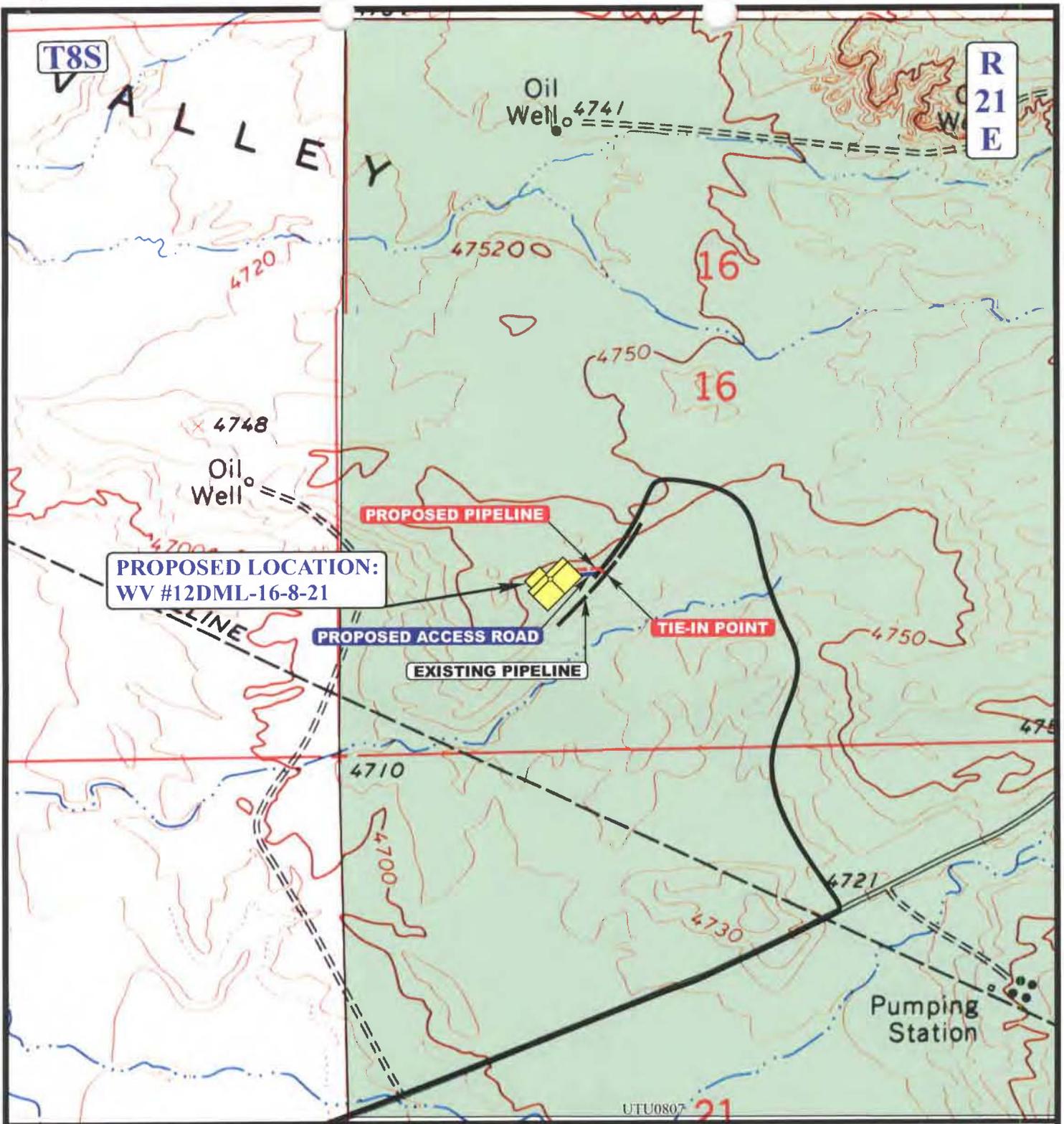
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

01	09	06
MONTH	DAY	YEAR



SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



**PROPOSED LOCATION:
WV #12DML-16-8-21**

APPROXIMATE TOTAL PIPELINE DISTANCE = 104' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



QUESTAR EXPLR. & PROD.

WV #12DML-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

01	09	06
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00

**D
TOPO**

**UNITED STATES GOVERNMENT
MEMORANDUM**

DATE: March 27, 2006

REPLY TO
ATTN OF: Superintendent, Uintah & Ouray Agency

SUBJECT: APD Concurrence for **QUESTAR EXPLORATION & PRODUCTION CO.**

TO: Bureau of Land Management, Vernal District Office
Attn: Minerals and Mining Division

We recommend approval of the Application for Permit to Drill (APD) for a drill site, access road and pipeline with required stipulations:

TOWNSHIP 8 SOUTH, RANGE 21 EAST, S.L.B.&M.

ROW No.	Well Name	Legal Descriptions	Sec	TwN	Rng	ROW Type
H62-2006-113	WV 12DML-16-8-21	SW/4	16	8 South	21 East	WS/AR
H62-2006-114	WV 12DML-16-8-21	NE/4SW/4	16	8 South	21 East	Pipeline
H62-2006-115	WV 15CML-16-8-21	SE/4SW/4, SW/4SE/4 (16); NE/4NW/4 (17)	16, 21	8 South	21 East	WS/AR
H62-2006-116	WV 15CML-16-8-21	SW/4SE/4	16	8 South	21 East	Pipeline
H62-2006-117	WV 15DML-16-8-21	S/2SE/4 (16); N/2NE/4 (21)	16, 21	8 South	21 East	WS/AR
H62-2006-118	WV 15DML-16-8-21	SW/4SE/4 (16); NW/4NE/4 (21)	16, 21	8 South	21 East	Pipeline
H62-2006-119	WV 12BML-16-8-21	SW/4NW/4 (16); SE/4NE/4 (17)	16, 17	8 South	21 East	WS/AR

3X2
43-497

Based on available information received during the *Site Specific On-Site Inspection (attached)* the proposed location was cleared in the following areas of environmental impact.

YES		NO	X	Listed threatened endangered species
YES		NO	X	Critical wildlife habitat
YES		NO	X	Archaeological or cultural resources
YES		NO		Air quality aspects (to be used only if Project is in or adjacent to a Class I area)

Enclosed is a copy of the BIA's Environmental Analysis (EA) concurred and signed by the Ute Indian Tribe. Please refer to item 6.0 for Mitigation Stipulations as well as any applicable stipulations in 10.0 for Additional Stipulations

REMARKS: The Ute Tribe Energy & Minerals (E&M) Department also requires that all companies adhere to the following criteria, during and after, all phases of construction activities.

Christopher A. Wells

RECEIVED

APR 03 2006

Cc: UIT EMRD
Agency/Branch Chrono
ROW File: As Listed

DIV. OF OIL, GAS & MINING

GRANT OF EASEMENT FOR RIGHT-OF-WAY

ROW Serial No. H62-2006-113

BIA TRANSACTION NO.: 687-13-00113-06

Well Site & Access Road - **WV 12DML-16-8-21**

Page 1 of 2

KNOW ALL MEN BY THESE PRESENTS:

That the **UNITED STATES OF AMERICA**, as trustee for UTE INDIAN TRIBE acting by and through the **Superintendent of the Uintah and Ouray Agency**, as "Grantor", under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

ZERO, (\$0.00) – As per the terms and conditions contained in the Questar Corporation Surface Use and Access Concession Agreement, effective January 1, 2005; which is acknowledged, does hereby grant to:

Questar Exploration & Production Co., 11002 E. 17500 S., Vernal, Utah 84078

Its successors and assignees hereinafter referred to as "Grantee" an easement for right-of-way.

In accordance with the attached survey plat: **For the WV 12DML-16-8-21 G.L.O. Plat No. 44306 dated 01/19/2006 for Section 16, Township 8 South, Range 21 East, S.L.B.&M. for the following:**

Well Site: Located in the SW/4 of Section 16, being 2.859 acres, more or less,
Access Road: Located in the NE/4SW/4 of Section 16, being 20.14' in length, and 30' in width, and being 0.014 acres, m/l,
Total ROW acreage 2.873, m/l

Within the exterior boundaries of the Uintah & Ouray Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the **WV 12DML-16-8-21** together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for the length of **TWENTY (20) YEARS**, beginning **March 27, 2006**, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect the existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days' written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way.
- D. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16; Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

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The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assignees of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement for Right-of-Way this **27th** day of **March, 2006** pursuant to authority delegated to the Assistant Secretary – Indian Affairs by 209 DM 8, 230 DM 1, and to the Western Regional Director by 3 IAM 4 (Release No. 99-03), and to the Superintendent/Field Representatives by 10 BIAM 11, as amended by Western Regional Release No. 97-1 and any further delegation needed to effectuate the reorganization embodied in DM Releases dated April, 2003.

UNITED STATES OF AMERICA
U.S. Department of the Interior
Uintah & Ouray Agency
Fort Duchesne, UT 84026

By: *Chester D. Mills*
Superintendent

ACKNOWLEDGEMENT OF SUPERINTENDENT

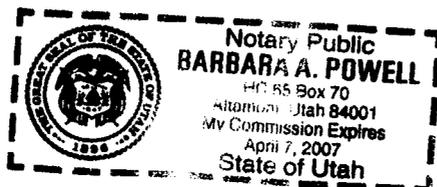
STATE OF UTAH)
)ss
COUNTY OF UINTAH)

The foregoing instrument was acknowledged before me this **27th** day of **March, 2006**, by **Chester D. Mills**, Superintendent for the Bureau of Indian Affairs, Uintah & Ouray Agency.

Witness my hand and official seal.

Barbara A. Powell
Notary Public

My Commission Expires: *April 7, 2007*



BAP

ENVIRONMENTAL ANALYSIS SITE SPECIFIC

WELL NO: WV 12DML-16-8-21

Legal Description:

Surface: NWSW, SECTION 16, T8S, R21E

COMPANY: QEP UINTA BASIN, INC.

Date: 2-24-06

File 2-2006-113

1.0 - PROPOSED ACTION

X	ROAD ACCESS	# of feet	20.14' feet
X	WELL PAD	# of feet	2.859 acres
X	PIPELINE	# of feet	69.39' feet
	POWERLINE	# of feet	
	CORRIDOR ROW	# of feet	
	Other		

Notes:

2.0 - ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative, the proposed action would not be implemented.
- C. OTHER: NA

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3.0 - SITE SPECIFIC SURVEY

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A. SITE DESCRIPTION

1. Elevation (feet)	4745.8' GR		
2. Annual precipitation (inches)	6" TO 8"		
3. Topography	<i>gently rolling</i>		
4. Soil	<i>sand</i>		
5. Est. Infiltration Rate	Low	Moderate	<input checked="" type="checkbox"/> High

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B. VEGETATION

1. Habitat type is:	<i>desert shrub - previously disturbed</i>							
2. Percent Ground Cover:	<i>70%</i>							
3. Vegetation consists of:	<i>38%</i>	Grasses	<i>30%</i>	Shrubs	<i>10%</i>	Forbs	%	Trees

The main variety of grasses are

<input type="checkbox"/>	blue grama	<input type="checkbox"/>	bluebunch wheat	<input type="checkbox"/>	squirrel tail	<input type="checkbox"/>	needle & thread
<input type="checkbox"/>	poa	<input checked="" type="checkbox"/>	Indian rice	<input checked="" type="checkbox"/>	cheat Grass	<input type="checkbox"/>	galletta
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Shrubs consist of:

<input checked="" type="checkbox"/>	prickly pear	<input type="checkbox"/>	spiny hopsage	<input checked="" type="checkbox"/>	rabbit brush	<input type="checkbox"/>	Fourwing salt bush
<input type="checkbox"/>	Spiny horse bush	<input checked="" type="checkbox"/>	Grease wood	<input type="checkbox"/>	Snake weed	<input type="checkbox"/>	Sand sage
<input type="checkbox"/>	Wild buckwheat	<input type="checkbox"/>	Black sage	<input type="checkbox"/>		<input type="checkbox"/>	None

Forbs consist of:

<input type="checkbox"/>	Annuals	<input type="checkbox"/>	Lamb quaters	<input type="checkbox"/>	Gilia	<input type="checkbox"/>	Penstamen
<input type="checkbox"/>	Mustard	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<i>aster</i>	<input type="checkbox"/>	None

Trees consist of:

<input type="checkbox"/>	Pinion pine	<input type="checkbox"/>	Utah juniper	<input type="checkbox"/>	Upland pinion juniper	<input type="checkbox"/>	None
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

4. Observed T&E species:	<i>none</i>
5. Potential For T&E species:	<i>none</i>
6. Observed Noxious Weeds:	<i>Russian Thistle</i>

C. AFFECTED ENVIRONMENT

1. There are no surface damages as a result of the initial survey.

3.1 - WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game	<input type="checkbox"/>	Elk	<input type="checkbox"/>	Mule Deer	<input checked="" type="checkbox"/>	Antelope	<input type="checkbox"/>	Other:
2. Small Game	<input checked="" type="checkbox"/>	Cotton Tail Rabbit	<input type="checkbox"/>	Dove	<input type="checkbox"/>	Quail	<input type="checkbox"/>	Other
3. Raptors	<input type="checkbox"/>	Golden Eagles	<input type="checkbox"/>	Redtail Hawk	<input type="checkbox"/>	Kestrel	<input type="checkbox"/>	Other
4. Non-Game Wildlife	<input checked="" type="checkbox"/>	Cattle	<input type="checkbox"/>	Coyote	<input type="checkbox"/>	Fox	<input checked="" type="checkbox"/>	Other <i>Horses</i>
	<input checked="" type="checkbox"/>	Song birds	<input checked="" type="checkbox"/>	Black Tail Jack Rabbit				
5. T&E Species	<input checked="" type="checkbox"/>	<i>none</i>						

3.2 - PRESENT SITE USE

A. USE

	Acres
Rangeland & Woodland	2.921
Irrigable land	0
Non-Irrigable land	2.921
Commercial timber	0
Floodplain	0
Wetland	0
Riparian	0
Other:	0

3.3 - CULTURAL RESOURCES

A. CULTURAL RESOURCES/SURVEY

Cultural Resource Surveys were performed by MOAC, on 1-24-2006.
Company Name Date

The consultant recommends clearance of the project as it is presently staked, and approved by BIA and UT Technicians.

Consultant

UT Technician

BIA Representative

All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

4.0 - ENVIRONMENTAL IMPACTS

Acres

A. SURFACE ALTERATIONS:

1. Access road	0.014
2. Well site	2.859
3. Pipeline right-of-way	0.048
4. Total area disturbed	2.921

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year:	.29
2. Permanent scar on landscape:	none
3. Potential impacts to T&E species:	none

C. SOIL/RANGE/WATERSHED

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock & wildlife grazing by approximately 0.29 AUM/year.

The area is not used as irrigated cropland and a water right has not been designated for the area.

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be an insignificant reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

5.0 - MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
2. Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas.
2. The pipeline will be constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

C. DRILLING SYSTEM

An open drilling system shall be used. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0 feet below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, as recommended by the Ute Tribe Technician, BIA and other agencies involved.

D. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

E. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

F. UTE TRIBAL REGULATIONS

1. Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its sub-contractors, shall acquire access permits and business permits from the Ute Indian Tribe.
2. Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

6.0 - UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of rights-of-ways. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources; once they have been removed they can never be replaced.

7.0 - CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

8.0 - NEPA COMPLIANCE

A. RESEARCH/DOCUMENTATION

Based on available information, the proposed location in the following areas of environmental impacts has been cleared:

Listed Threatened & Endangered species	<i>N. Matenson</i>
Critical wildlife habitat	<i>N. Matenson</i>
Historical and cultural resources	<i>MAOC</i>

9.0 - REMARKS

A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

10.0 – ADDITIONAL STIPULATIONS

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understand that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- **The Company shall assure the Ute Tribe that ‘ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONSTRCTORs, AND ETC.’ have acquired a current and valid Ute Tribal Business License and have “Access Permits” prior to construction, and will have these permits in all vehicles at all times.**
- **You are hereby notified that working under the “umbrella” of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.**
- Any deviation of submitted APD’s and ROW applications the Companies will notify the Ute Tribe and BIA in writing, and will receive written authorization of any such change with appropriate authorization.
- The company will implement “Safety and Emergency Plan”. The Company’s safety director will ensure its compliance.
- All company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD’s and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-of-way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Stipulations:

11.0 - RECOMMENDATIONS

A. APPROVAL/DISAPPROVAL

We recommend APPROVAL DISAPPROVAL of the proposed action as outlined in item 1.0 above.

Date: 2/24/2006


 UT Energy & Minerals Technician
 Ute Indian Tribe

Date: 3-3-06


 Lynn Becker, Land Division Manager
 UT Energy & Minerals Department

Date: 2-24-2006


 BIA Representative
 Uintah and Ouray Agency

11.0 - DECLARATION

A. APPROVAL

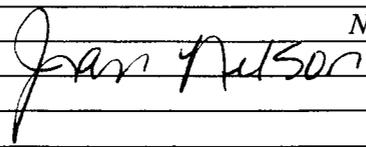
It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331)(2)(C).

Date: 02/03/06


 Superintendent, Uintah and Ouray Agency

12.0 - CONSULTATION

A. REPRESENTATIVES/ORGANIZATION

Agency/Company Name	Name	Initials
QEP UINTA BASIN INC		JN
QEP UINTA BASIN INC		

GRANT OF EASEMENT FOR RIGHT-OF-WAY

ROW Serial No. H62-2006-114

BIA TRANSACTION NO.: 687-13-00114-06

Pipeline - **WV 12DML-16-8-21**

Page 1 of 2

KNOW ALL MEN BY THESE PRESENTS:

That the **UNITED STATES OF AMERICA**, as trustee for UTE INDIAN TRIBE acting by and through the **Superintendent of the Uintah and Ouray Agency**, as "Grantor", under authority contained in 209 DM 8 (39 F.R. 32166), 10 BIAM 3 (34 F.R.637) 230 DM 3 (20 F.R. 992) and Sec. 2.11 (34 F.R. 11109), pursuant and subject to the provisions of the Act of February 5, 1948 Stat. 17, (U.S.C. 323-328), and Part 169, Title 25, Code of Federal Regulations in consideration of:

ZERO, (\$0.00) – As per the terms and conditions contained in the Questar Corporation Surface Use and Access Concession Agreement, effective January 1, 2005; which is acknowledged, does hereby grant to:

Questar Exploration & Production Co., 11002 E. 17500 S., Vernal, Utah 84078

Its successors and assignees hereinafter referred to as "Grantee" an easement for right-of-way.

In accordance with the attached survey plat: **For the WV 12DML-16-8-21**

G.L.O. Plat No. 44307 dated 01/19/2006 for Section 16, Township 8 South, Range 21 East, S.L.B.&M. for the following:

Pipeline: Located in the NE/4SW/4 of Section 16, being 69.39' in length, and 30' in width, and 0.048 acres, m/l,
Total ROW acreage 0.048, m/l

Within the exterior boundaries of the Uintah & Ouray Reservation for the following purposes namely: The construction, maintenance, repair, inspection, protection, operation and removal of the **WV 12DML-16-8-21** together with the necessary appurtenances thereto, on, over and across the land embraced within the right-of-way located in Uintah County, Utah.

TO HAVE AND TO HOLD said easement and right-of-way unto the Grantee and unto its successors and assigns, together with prior existing right or adverse claim and is for the length of **TWENTY (20) YEARS**, beginning **March 27, 2006**, so long as easement shall actually be used for the purposes above specified. Consideration may be increased at five (5) year intervals if necessary to reflect the existing market prices.

This right-of-way shall be terminable in whole or in part by the grantor for any of the following causes upon 30 days' written notice and failure to the Grantee within said notice period to correct the basis of termination (25 CFR 169.20)

- A. Failure to comply with any term or condition of the grant or applicable regulations.
- B. A nonuse of the right-of-way for a consecutive two-year period for the purpose for which it was granted.
- C. An abandonment of the right-of-way.
- D. Failure of the Grantee to file with the Grantor an Affidavit of Completion pursuant to 25 CFR 169.16; Upon completion of construction, or in any case within two years of date of this easement granted in the case construction does not begin or is completed.

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The conditions of this easement shall extend to and be binding upon and shall insure to the benefit of the successors and assignees of the Grantee. It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to required the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332) (2) (c).

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement for Right-of-Way this **27th** day of **March, 2006** pursuant to authority delegated to the Assistant Secretary – Indian Affairs by 209 DM 8, 230 DM 1, and to the Western Regional Director by 3 IAM 4 (Release No. 99-03), and to the Superintendent/Field Representatives by 10 BIAM 11, as amended by Western Regional Release No. 97-1 an any further delegation needed to effectuate the reorganization embodied in DM Releases dated April, 2003.

UNITED STATES OF AMERICA
U.S. Department of the Interior
Uintah & Ouray Agency
Fort Duchesne, UT 84026

By: *Chester D. Mills*
Superintendent

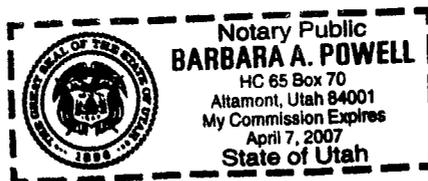
ACKNOWLEDGEMENT OF SUPERINTENDENT

STATE OF UTAH)
)ss
COUNTY OF UINTAH)

The foregoing instrument was acknowledged before me this **27th** day of **March, 2006**, by **Chester D. Mills**, Superintendent for the Bureau of Indian Affairs, Uintah & Ouray Agency.
Witness my hand and official seal.

Barbara A. Powell
Notary Public

My Commission Expires: *April 7, 2007*



[Handwritten initials]

ENVIRONMENTAL ANALYSIS SITE SPECIFIC

WELL NO: WV 12DML-16-8-21

Legal Description:

Surface: NWSW, SECTION 16, T8S, R21E

COMPANY: QEP UINTA BASIN, INC.

Date: 2-24-06

File 2-2006-114

1.0 - PROPOSED ACTION

<input checked="" type="checkbox"/>	ROAD ACCESS	# of feet	20.14' feet
<input checked="" type="checkbox"/>	WELL PAD	# of feet	2.859 acres
<input checked="" type="checkbox"/>	PIPELINE	# of feet	69.39' feet
<input type="checkbox"/>	POWERLINE	# of feet	
<input type="checkbox"/>	CORRIDOR ROW	# of feet	
<input type="checkbox"/>	Other		

Notes:

2.0 - ALTERNATIVE ACTIONS

- A. ALTERNATIVE CONSIDERED: The proposed action is the preferred alternative.
- B. NO ACTION: Under the no action alternative, the proposed action would not be implemented.
- C. OTHER: NA

3.0 - SITE SPECIFIC SURVEY

A. SITE DESCRIPTION

1. Elevation (feet)	4745.8' GR		
2. Annual precipitation (inches)	6" TO 8"		
3. Topography	<i>gently rolling</i>		
4. Soil	<i>sand</i>		
5. Est. Infiltration Rate	Low	Moderate	<input checked="" type="checkbox"/> High

COPY

B. VEGETATION

1. Habitat type is:	<i>desert shrub - previously disturbed</i>							
2. Percent Ground Cover:	<i>70%</i>							
3. Vegetation consists of:	<i>30%</i>	Grasses	<i>30%</i>	Shrubs	<i>10%</i>	Forbs	%	Trees

The main variety of grasses are

<input type="checkbox"/>	blue grama	<input type="checkbox"/>	bluebunch wheat	<input type="checkbox"/>	squirrel tail	<input type="checkbox"/>	needle & thread
<input type="checkbox"/>	poa	<input checked="" type="checkbox"/>	Indian rice	<input checked="" type="checkbox"/>	cheat Grass	<input type="checkbox"/>	galletta
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	None

Shrubs consist of:

<input checked="" type="checkbox"/>	prickly pear	<input type="checkbox"/>	spiny hopsage	<input checked="" type="checkbox"/>	rabbit brush	<input type="checkbox"/>	Fourwing salt bush
<input type="checkbox"/>	Spiny horse bush	<input checked="" type="checkbox"/>	Grease wood	<input type="checkbox"/>	Snake weed	<input type="checkbox"/>	Sand sage
<input type="checkbox"/>	Wild buckwheat	<input type="checkbox"/>	Black sage	<input type="checkbox"/>		<input type="checkbox"/>	None

Forbs consist of:

<input type="checkbox"/>	Annuals	<input type="checkbox"/>	Lamb quarters	<input type="checkbox"/>	Gilia	<input type="checkbox"/>	Penstamen
<input type="checkbox"/>	Mustard	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<i>aster</i>	<input type="checkbox"/>	None

Trees consist of:

<input type="checkbox"/>	Pinion pine	<input type="checkbox"/>	Utah juniper	<input type="checkbox"/>	Upland pinion juniper	<input type="checkbox"/>	None
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

4. Observed T&E species:	<i>none</i>
5. Potential For T&E species:	<i>none</i>
6. Observed Noxious Weeds:	<i>Russian Thistle</i>

C. AFFECTED ENVIRONMENT

1. There are no surface damages as a result of the initial survey.

3.1 - WILDLIFE

A. POTENTIAL SITE UTILIZATION

1. Big Game	<input type="checkbox"/> Elk	<input type="checkbox"/> Mule Deer	<input checked="" type="checkbox"/> Antelope	<input type="checkbox"/> Other:
2. Small Game	<input checked="" type="checkbox"/> Cotton Tail Rabbit	<input type="checkbox"/> Dove	<input type="checkbox"/> Quail	<input type="checkbox"/> Other
3. Raptors	<input type="checkbox"/> Golden Eagles	<input type="checkbox"/> Redtail Hawk	<input type="checkbox"/> Kestrel	<input type="checkbox"/> Other
4. Non-Game Wildlife	<input checked="" type="checkbox"/> Cattle	<input type="checkbox"/> Coyote	<input type="checkbox"/> Fox	<input checked="" type="checkbox"/> Other <i>Horses</i>
	<input checked="" type="checkbox"/> Song birds	<input checked="" type="checkbox"/> Black Tail Jack Rabbit		
5. T&E Species	<input checked="" type="checkbox"/> <i>none</i>			

3.2 - PRESENT SITE USE

A. USE

	Acres
Rangeland & Woodland	2.921
Irrigable land	0
Non-Irrigable land	2.921
Commercial timber	0
Floodplain	0
Wetland	0
Riparian	0
Other:	0

3.3 - CULTURAL RESOURCES

A. CULTURAL RESOURCES/SURVEY

Cultural Resource Surveys were performed by MOAC, on 1-24-2006.
Company Name Date

The consultant recommends clearance of the project as it is presently staked, and approved by BIA and UT Technicians.

Consultant UT Technician BIA Representative

All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

4.0 - ENVIRONMENTAL IMPACTS

A. SURFACE ALTERATIONS:

	Acres
1. Access road	0.014
2. Well site	2.859
3. Pipeline right-of-way	0.048
4. Total area disturbed	2.921

B. VEGETATION/LANDSCAPE

1. Production loss (AUM's)/year:	.29
2. Permanent scar on landscape:	none
3. Potential impacts to T&E species:	none

C. SOIL/RANGE/WATERSHED

The area is presently used as rangeland. In recent years the area has been permitted for livestock grazing, but at the present time no permits have been issued for the area. This project will reduce livestock & wildlife grazing by approximately 0.29 AUM/year.

The area is not used as irrigated cropland and a water right has not been designated for the area.

D. WILDLIFE/THREATENED & ENDANGERED SPECIES

There will be an insignificant reduction of wildlife habitat and grazing for livestock. There will also be an increase in wildlife disturbance and poaching resulting from the additional traffic and people using the area.

There are no known impacts to Threatened or Endangered species but the area is important winter range for big game.

5.0 - MITIGATION STIPULATIONS

A. VEGETATION/LANDSCAPE

1. Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
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B. SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeded all disturbed areas.
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Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross-country between stations, they shall be welded in place at wellsites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

C. DRILLING SYSTEM

An open drilling system shall be used. The reserve pit shall be lined with a synthetic leak proof liner. After the drilling operation is complete, excess fluids shall be removed from the reserve pit and either hauled to an approved disposal site or shall be used to drill other wells. When the fluids are removed the pit shall be backfilled a minimum of 3.0 feet below the soil surface elevation.

A closed drilling system shall be used in all flood plain areas, and other highly sensitive areas, as recommended by the Ute Tribe Technician, BIA and other agencies involved.

D. PRODUCTION SYSTEM

A closed production system shall be used. This means all produced water and oil field fluid wastes shall be contained in leak proof tanks. These fluids shall be disposed of in either approved injection wells or disposal pits.

E. WILDLIFE/VEGETATION/THREATENED & ENDANGERED SPECIES

No Threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

F. UTE TRIBAL REGULATIONS

1. Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its sub-contractors, shall acquire access permits and business permits from the Ute Indian Tribe.
2. Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

6.0 - UNAVOIDABLE ADVERSE IMPACTS

A. SURFACE ALTERATIONS

None of the adverse impacts listed in 5.0 above can be avoided in a practical manner except those which are mitigated in item 6.0 above.

B. RELATIONSHIP BETWEEN SHORT-TERM USE OF THE ENVIRONMENT VS LONG TERM PRODUCTIVITY.

1. Short Term: (Estimated 20 years) A total loss of production on the land and the associated environmental impacts will continue to influence the surrounding area for the productive life of the well.
2. Long Term: Standard policies provide for rehabilitation of rights-of-ways. After the land is rehabilitated, it is expected to return to its original productive capability. Normally, there will be no permanent scar left on the landscape.

C. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT

Oil and Gas are non-renewable resources; once they have been removed they can never be replaced.

7.0 - CUMULATIVE IMPACTS

A. FULL DEVELOPMENT

Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

8.0 - NEPA COMPLIANCE

A. RESEARCH/DOCUMENTATION

Based on available information, the proposed location in the following areas of environmental impacts has been cleared:

Listed Threatened & Endangered species	<i>N. Matenson</i>
Critical wildlife habitat	<i>N. Matenson</i>
Historical and cultural resources	<i>MAOC</i>

9.0 - REMARKS

A. SURFACE PROTECTION/REHABILITATION

All essential surface protection and rehabilitation requirements are specified above.

10.0 – ADDITIONAL STIPULATIONS

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understand that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- **The Company shall assure the Ute Tribe that ‘ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC.’ have acquired a current and valid Ute Tribal Business License and have “Access Permits” prior to construction, and will have these permits in all vehicles at all times.**
- **You are hereby notified that working under the “umbrella” of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.**
- Any deviation of submitted APD’s and ROW applications the Companies will notify the Ute Tribe and BIA in writing, and will receive written authorization of any such change with appropriate authorization.
- The company will implement “Safety and Emergency Plan”. The Company’s safety director will ensure its compliance.
- All company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD’s and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-of-way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Stipulations:

11.0 - RECOMMENDATIONS

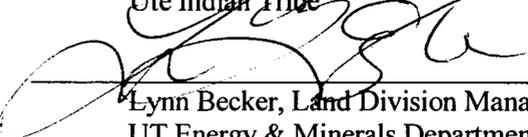
A. APPROVAL/DISAPPROVAL

We recommend APPROVAL DISAPPROVAL of the proposed action as outlined in item 1.0 above.

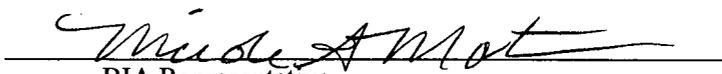
Date: 2/24/2006


 UT Energy & Minerals Technician
 Ute Indian Tribe

Date: 3-3-06


 Lynn Becker, Land Division Manager
 UT Energy & Minerals Department

Date: 2-24-2006


 BIA Representative
 Uintah and Ouray Agency

11.0 - DECLARATION

A. APPROVAL

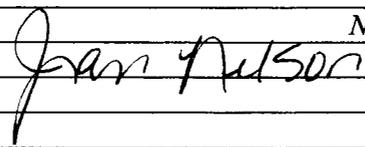
It has been determined that the proposed action is not a federal action significantly affecting the quality of the environment as it would require the preparation of an environmental impact statement in accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (42 USC 4331)(2)(C).

Date: 02/03/06

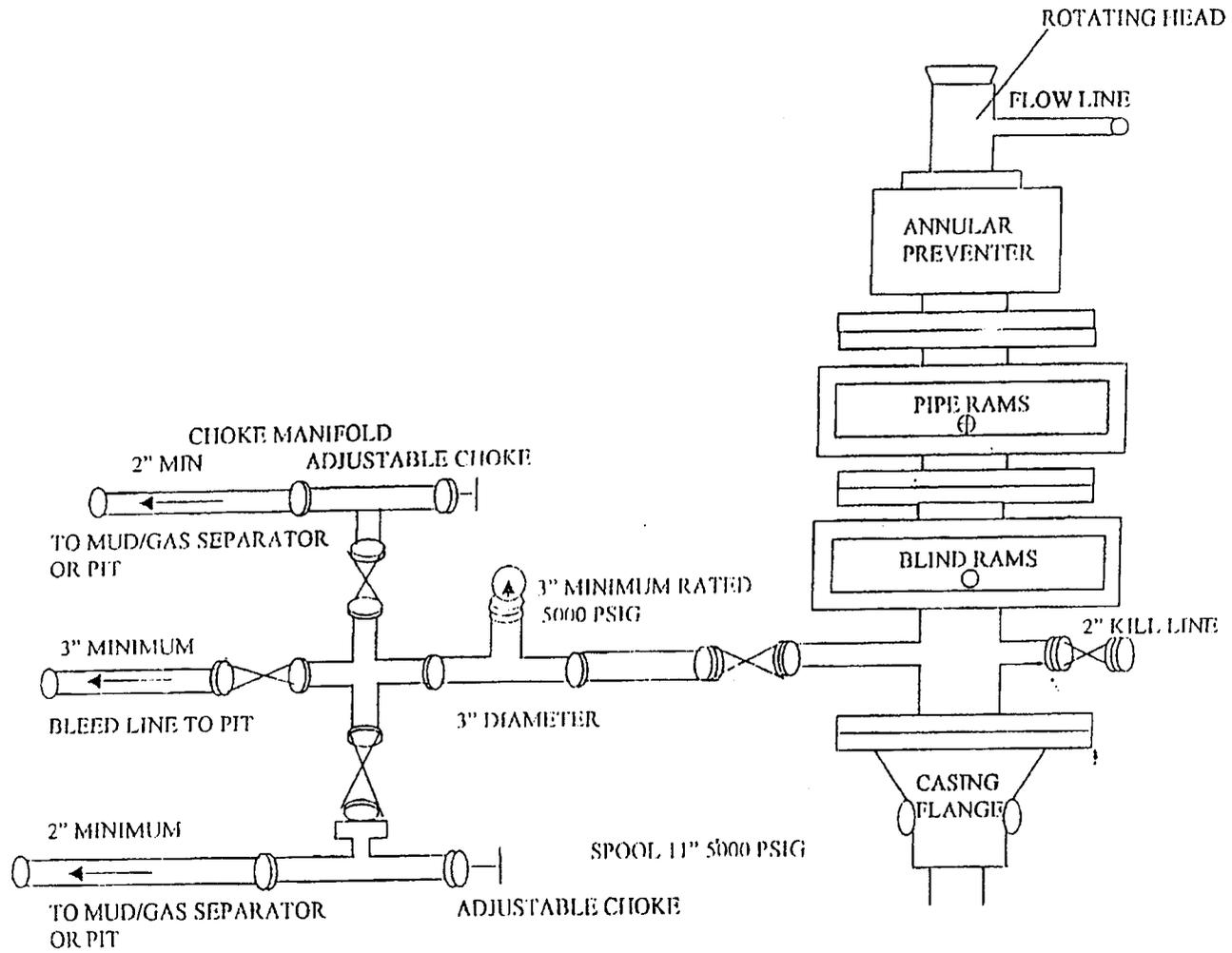

 Superintendent, Uintah and Ouray Agency

12.0 - CONSULTATION

A. REPRESENTATIVES/ORGANIZATION

Agency/Company Name	Name	Initials
QEP UINTA BASIN INC		JN
QEP UINTA BASIN INC		

5000 PSIG DIAGRAM



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/07/2006

API NO. ASSIGNED: 43-047-37870

WELL NAME: WV 12DML-16-8-21

OPERATOR: QEP UINTA BASIN, INC. (N2460)

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

NWSW 16 080S 210E
 SURFACE: 1522 FSL 1257 FWL
 BOTTOM: 1522 FSL 1257 FWL
 COUNTY: UINTAH
 LATITUDE: 40.12016 LONGITUDE: -109.5639
 UTM SURF EASTINGS: 622374 NORTHINGS: 4441872
 FIELD NAME: WONSITS VALLEY (710)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DICG	3/21/06
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-2237
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 965003033)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 36125)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- ___ R649-2-3.
- Unit: WONSITS VALLEY *WV*
- ___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- Drilling Unit
Board Cause No: 187-06
Eff Date: 8-2-2001
Siting: Suspends General Siting
- ___ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: General Approval
Z - STATEMENT OF BASIS

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: QEP
WELL NAME & NUMBER: WV 12DML-16-8-21
API NUMBER: 43-047-37870
LOCATION: 1/4,1/4 NW/SW Sec: 16 TWP: 8S RNG: 21E 716' FWL 2021' FNL

Geology/Ground Water:

QEP proposes to set 450' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 250'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 16. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water at this location.

Reviewer: Brad Hill **Date:** 04/13/06

Surface:

Surface rights at the proposed location are owned by the Ute Indian Tribe. ^{DEP} Shenandoah is responsible for obtaining any rights-of-way or surface permits needed from the Ute Tribe.

Reviewer: Brad Hill **Date:** 04/13/06

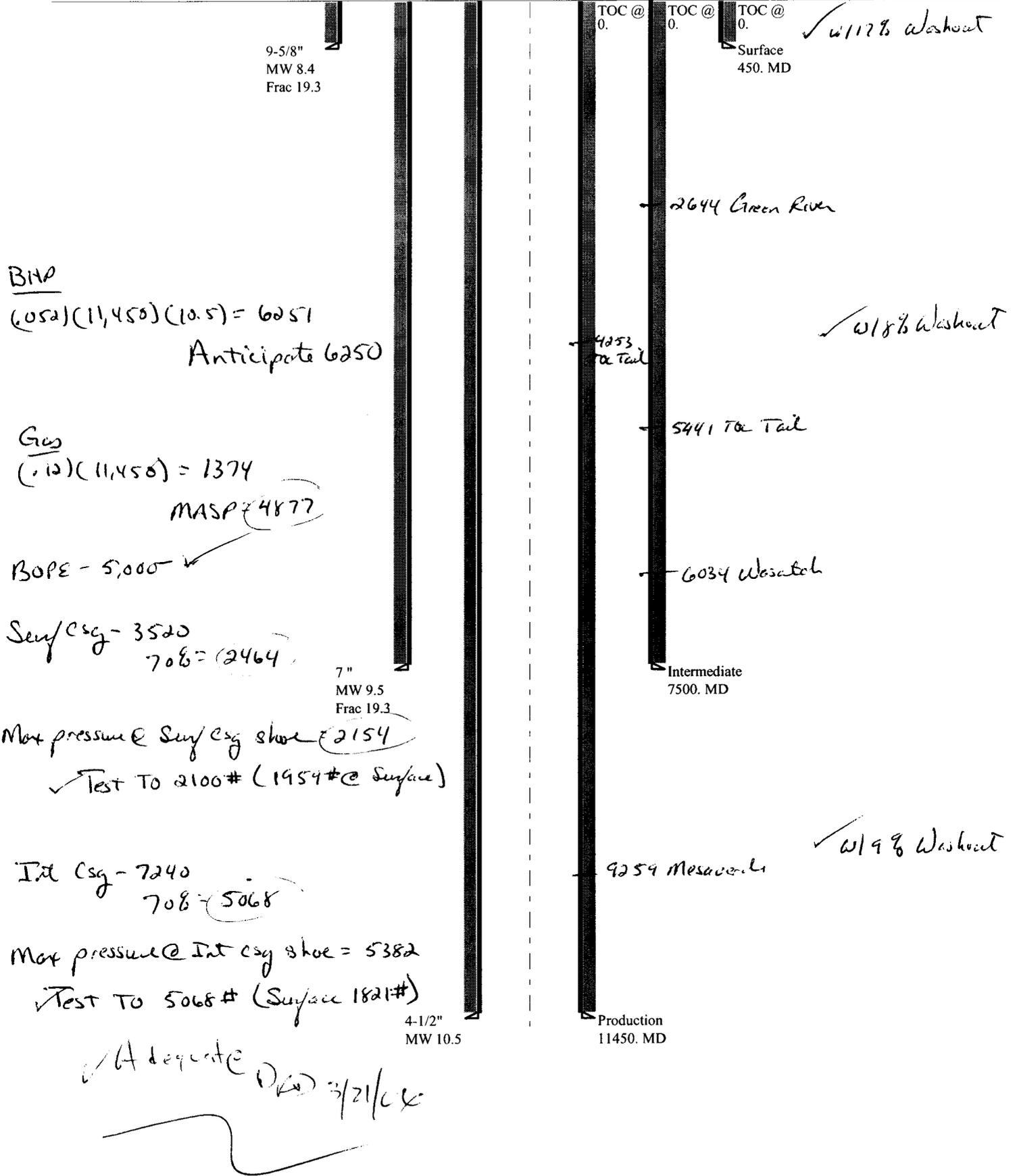
Conditions of Approval/Application for Permit to Drill:

None.

Casing Schematic

Uinta

Surface



Well name:	03-06 QEP WV 12DML-16-8-21	
Operator:	Questar Exploration and Production	Project ID:
String type:	Surface	43-047-37870
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 71 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 250 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 396 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 450 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 394 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,500 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 3,701 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 450 ft
 Injection pressure 450 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	450	9.625	36.00	J-55	LT&C	450	450	8.796	32
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	196	2020	10.287	450	3520	7.82	14	453	31.93 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: 801-538-5280
 FAX: 810-359-3940

Date: March 14, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 450 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	03-06 QEP WV 12DML-16-8-21	
Operator:	Questar Exploration and Production	
String type:	Intermediate	Project ID: 43-047-37870
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 170 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 450 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 4,871 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 5,771 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 6,425 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,450 ft
Next mud weight: 10.500 ppg
Next setting BHP: 6,245 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 7,500 ft
Injection pressure 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7500	7	26.00	N-80	LT&C	7500	7500	6.151	393.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3701	5410	1.462	5771	7240	1.25	167	519	3.11 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 810-359-3940

Date: March 14, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7500 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	03-06 QEP WV 12DML-16-8-21	
Operator:	Questar Exploration and Production	
String type:	Production	Project ID: 43-047-37870
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 225 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 4,871 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 6,245 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 9,653 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11450	4.5	11.60	P-110	LT&C	11450	11450	3.875	265.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6245	7580	1.214	6245	10690	1.71	112	279	2.49 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 810-359-3940

Date: March 14, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11450 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 13, 2006

QEP Uinta Basin, Inc.
11002 E 17500 S
Vernal, UT 84078

Re: Wonsits Valley 12DML-16-8-21 Well, 1522' FSL, 1257' FWL, NW SW,
Sec. 16, T. 8 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37870.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal District Office

Operator: QEP Uinta Basin, Inc.
Well Name & Number Wonsits Valley 12DML-16-8-21
API Number: 43-047-37870
Lease: ML-2237

Location: NW SW **Sec.** 16 **T.** 8 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2007

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
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CA No.		Unit:		WONSITS VALLEY UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 16	WV 16	NENE	15	080S	210E	4304715447	5265	Federal	WI	A
WVU 31	WV 31	NENW	14	080S	210E	4304715460	5265	Federal	WI	A
WVU 35	WV 35	NESW	14	080S	210E	4304715463	5265	Federal	WI	A
WV 36	WV 36	NESW	10	080S	210E	4304715464	5265	Federal	WI	A
WVU 41	WV 41	NENW	15	080S	210E	4304715469	5265	Federal	WI	A
WV 43	WV 43	SWSW	11	080S	210E	4304715471	5265	Federal	OW	P
WV 48	WV 48	SWNE	10	080S	210E	4304715476	5265	Federal	OW	P
WVU 50	WV 50	SWNE	15	080S	210E	4304715477	5265	Federal	WI	A
WV 53	WV 53	SWSE	10	080S	210E	4304720003	5265	Federal	OW	P
WVU 55	WV 55	SWNE	14	080S	210E	4304720005	5265	Federal	OW	P
WVU 59	WV 59	SWNW	14	080S	210E	4304720018	5265	Federal	WI	A
WVU 60	WV 60	SWSE	15	080S	210E	4304720019	5265	Federal	WI	A
WV 62	WV 62	SWSW	10	080S	210E	4304720024	5265	Federal	OW	P
WVU 65	WV 65	SWNW	15	080S	210E	4304720041	5265	Federal	OW	P
WVU 67	WV 67	NESW	15	080S	210E	4304720043	5265	Federal	WI	A
WVU 68	WV 68	NESE	15	080S	210E	4304720047	5265	Federal	WI	A
WVU 83	WV 83 WG	NENW	23	080S	210E	4304720205	14864	Federal	GW	S
WV 97	WV 97	NWSW	11	080S	210E	4304730014	5265	Federal	WI	A
WVU 103	WV 103	NWNW	14	080S	210E	4304730021	5265	Federal	OW	P
WVU 104	WV 104	NWNE	15	080S	210E	4304730022	5265	Federal	OW	P
WV 105	WV 105	SESE	10	080S	210E	4304730023	5265	Federal	OW	P
WVU 109	WV 109	SENE	15	080S	210E	4304730045	5265	Federal	OW	P
WVU 110	WV 110	SENE	14	080S	210E	4304730046	5265	Federal	OW	P
WVU 112	WV 112	SENE	15	080S	210E	4304730048	5265	Federal	OW	P
WVU 124	WV 124	NWSE	15	080S	210E	4304730745	5265	Federal	OW	P
WVU 126	WV 126	NWNE	21	080S	210E	4304730796	5265	Federal	WI	A
WV 128	WV 128	SESW	10	080S	210E	4304730798	5265	Federal	OW	P
WVU 132	WV 132	NWSW	15	080S	210E	4304730822	5265	Federal	OW	P
WVU 136	WV 136	NENW	21	080S	210E	4304731047	5265	Federal	OW	S
WV 137	WV 137	SENE	11	080S	210E	4304731523	5265	Federal	OW	P
WV 28-2	WV 28-2	NESW	11	080S	210E	4304731524	99990	Federal	WI	A
WVU 133	WV 133	SESW	15	080S	210E	4304731706	5265	Federal	OW	P
WVU 140	WV 140	NWNW	15	080S	210E	4304731707	5265	Federal	WI	A
WV 40-2	WV 40-2	NESE	10	080S	210E	4304731798	5265	Federal	WI	A
WVU 144	WV 144	SENE	10	080S	210E	4304731807	5265	Federal	OW	P
WV 143	WV 143	NWSE	10	080S	210E	4304731808	5265	Federal	WI	A
WVU 145	WV 145	NWNW	18	080S	220E	4304731820	14864	Federal	GW	P
WVU 121	WV 121	NWSW	14	080S	210E	4304731873	5265	Federal	OW	TA
WVU 135-2	WV 135-2	NENE	21	080S	210E	4304732016	5265	Federal	OW	P
WVU 130	WV 130	NWNW	22	080S	210E	4304732307	5265	Federal	OW	P
WVU 71-2	WV 71-2	SWSW	15	080S	210E	4304732449	5265	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 119	WV 119	NWNW	21	080S	210E	4304732461	5265	Federal	OW	P
WVFU 120	WV 120	NENW	22	080S	210E	4304732462	5265	Federal	WI	A
WVFU 54 WG	WV 54 WG	SWSE	07	080S	220E	4304732821	14864	Federal	GW	P
WVFU 69 WG	WV 69 WG	SWNE	18	080S	220E	4304732829	14864	Federal	GW	P
WVFU 38 WG	WV 38 WG	SWNW	08	080S	220E	4304732831	14864	Federal	GW	P
WVFU 49 WG	WV 49 WG	SWSW	08	080S	220E	4304732832	14864	Federal	GW	P
WVFU 138 WG	WV 138 WG	SWNW	18	080S	220E	4304733054	14864	Federal	GW	P
WVFU 14 WG	WV 14 WG	SWSE	12	080S	210E	4304733070	14864	Federal	GW	P
WVFU 11 WG	WV 11 WG	SWNE	12	080S	210E	4304733085	14864	Federal	GW	P
WVFU 81 WG	WV 81 WG	SWNW	24	080S	210E	4304733086	14864	Federal	GW	P
WVFU 146 WG	WV 146 WG	NWNW	19	080S	220E	4304733128	14864	Federal	GW	P
WVFU 1W-14-8-21	WV 1W-14-8-21	NENE	14	080S	210E	4304733220	14864	Federal	GW	P
WVFU 5W-13-8-21	WV 5W-13-8-21	SWNW	13	080S	210E	4304733221	14864	Federal	GW	P
WVFU 46 WG	WVFU 46 WG	NESE	07	080S	220E	4304733241	14864	Federal	GW	P
WVFU 9W-14-8-21	WV 9W-14-8-21	NESE	14	080S	210E	4304733269	14864	Federal	GW	P
WVFU 7W-13-8-21	WV 7W-13-8-21	SWNE	13	080S	210E	4304733270	14864	Federal	GW	P
WVFU 1W-18-8-22	WV 1W-18-8-22	NENE	18	080S	220E	4304733294	14864	Federal	GW	P
WVFU 11W-8-8-22	WV 11W-8-8-22	NESW	08	080S	220E	4304733295	14864	Federal	GW	P
WVFU 3W-8-8-22	WV 3W-8-8-22	NENW	08	080S	220E	4304733493	14864	Federal	GW	S
WVFU 5W-7-8-22	WV 5W-7-8-22	SWNW	07	080S	220E	4304733494	14864	Federal	GW	P
WVFU 11W-7-8-22	WV 11W-7-8-22	NESW	07	080S	220E	4304733495	14864	Federal	GW	P
WVFU 13W-7-8-22	WV 13W-7-8-22	SWSW	07	080S	220E	4304733496	14864	Federal	GW	P
WVFU 1W-7-8-22	WV 1W-7-8-22	NENE	07	080S	220E	4304733501	14864	Federal	GW	P
WVFU 3W-7-8-22	WV 3W-7-8-22	NENW	07	080S	220E	4304733502	14864	Federal	GW	P
WV 7WRG-7-8-22	WV 7WRG-7-8-22	SWNE	07	080S	220E	4304733503	5265	Federal	OW	P
WVFU 16W-9-8-21	WV 16W-9-8-21	SESE	09	080S	210E	4304733529	14864	Federal	GW	P
WVFU 1W-12-8-21	WV 1W-12-8-21	NENE	12	080S	210E	4304733531	14864	Federal	GW	P
WVFU 1W-13-8-21	WV 1W-13-8-21	NENE	13	080S	210E	4304733532	14864	Federal	GW	P
WVFU 3W-18-8-22	WV 3W-18-8-22	NENW	18	080S	220E	4304733533	14864	Federal	GW	P
WVFU 9W-12-8-21	WV 9W-12-8-21	NESE	12	080S	210E	4304733534	14864	Federal	GW	P
WVFU 11W-12-8-21	WV 11W-12-8-21	NESW	12	080S	210E	4304733535	14864	Federal	GW	P
WVFU 11W-13-8-21	WV 11W-13-8-21	NESW	13	080S	210E	4304733536	14864	Federal	GW	P
WVFU 13W-12-8-21	WV 13W-12-8-21	SWSW	12	080S	210E	4304733537	14864	Federal	GW	S
WVFU 13W-18-8-22	WV 13W-18-8-22	SWSW	18	080S	220E	4304733538	14864	Federal	GW	P
WVFU 16G-9-8-21	WV 16G-9-8-21	SESE	09	080S	210E	4304733565	5265	Federal	OW	P
WVFU 1W-21-8-21	WV 1W-21-8-21	NENE	21	080S	210E	4304733602	14864	Federal	GW	P
WVFU 3W-13-8-21	WV 3W-13-8-21	NENW	13	080S	210E	4304733603	14864	Federal	GW	S
WVFU 3W-22-8-21	WV 3W-22-8-21	NENW	22	080S	210E	4304733604	14864	Federal	GW	P
WVFU 3W-24-8-21	WV 3W-24-8-21	NENW	24	080S	210E	4304733605	14864	Federal	GW	P
WVFU 13W-13-8-21	WV 13W-13-8-21	SWSW	13	080S	210E	4304733606	14864	Federal	GW	S
WVFU 13W-14-8-21	WV 13W-14-8-21	SWSW	14	080S	210E	4304733607	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-13-8-21	WV 15W-13-8-21	SWSE	13	080S	210E	4304733608	14864	Federal	GW	S
WVFU 1W-24-8-21	WV 1W-24-8-21	NENE	24	080S	210E	4304733613	14864	Federal	GW	P
WVFU 11W-18-8-22	WV 11W-18-8-22	NESW	18	080S	220E	4304733626	14864	Federal	GW	P
WV 2W-10-8-21	WV 2W-10-8-21	NWNE	10	080S	210E	4304733655	14864	Federal	GW	P
WV 4W-11-8-21	WV 4W-11-8-21	NWNW	11	080S	210E	4304733657	14864	Federal	GW	P
WV 12W-10-8-21	WV 12W-10-8-21	NWSW	10	080S	210E	4304733659	14864	Federal	GW	S
WV 12G-10-8-21	WV 12G-10-8-21	NWSW	10	080S	210E	4304733660	5265	Federal	OW	P
WVFU 15W-9-8-21	WV 15W-9-8-21	SWSE	09	080S	210E	4304733661	14864	Federal	GW	P
WVFU 15G-9-8-21	WV 15G-9-8-21	SWSE	09	080S	210E	4304733662	5265	Federal	OW	P
WVFU 2W-13-8-21	WV 2W-13-8-21	NWNE	13	080S	210E	4304733791	14864	Federal	GW	P
WVFU 6W-13-8-21	WV 6W-13-8-21	SENE	13	080S	210E	4304733792	14864	Federal	GW	P
WVFU 8W-13-8-21	WV 8W-13-8-21	SENE	13	080S	210E	4304733793	14864	Federal	GW	P
WV 10W-1-8-21	WV 10W-1-8-21	NWSE	01	080S	210E	4304733794	14864	Federal	GW	TA
WVFU 10W-13-8-21	WV 10W-13-8-21	NWSE	13	080S	210E	4304733795	14864	Federal	GW	P
WVFU 12W-7-8-22	WV 12W-7-8-22	NWSW	07	080S	220E	4304733808	14864	Federal	GW	P
WVFU 6W-8-8-22	WV 6W-8-8-22	SENE	08	080S	220E	4304733811	14864	Federal	GW	P
WVFU 7W-8-8-22	WV 7W-8-8-22	SWNE	08	080S	220E	4304733812	14864	Federal	GW	S
WVFU 10W-7-8-22	WV 10W-7-8-22	NWSE	07	080S	220E	4304733813	14864	Federal	GW	P
WVFU 12W-8-8-22	WV 12W-8-8-22	NWSW	08	080S	220E	4304733815	14864	Federal	GW	P
WVFU 14W-7-8-22	WV 14W-7-8-22	SESW	07	080S	220E	4304733816	14864	Federal	GW	P
WVFU 16W-7-8-22	WV 16W-7-8-22	SESE	07	080S	220E	4304733817	14864	Federal	GW	P
WVFU 6W-7-8-22	WV 6W-7-8-22	SENE	07	080S	220E	4304733828	14864	Federal	GW	P
WVFU 6W-18-8-22	WV 6W-18-8-22	SENE	18	080S	220E	4304733842	14864	Federal	GW	P
WVFU 6WC-18-8-22	WV 6WC-18-8-22	SENE	18	080S	220E	4304733843	14864	Federal	GW	P
WVFU 6WD-18-8-22	WV 6WD-18-8-22	SENE	18	080S	220E	4304733844	14864	Federal	GW	P
WVFU 5W-23-8-21	WV 5W-23-8-21	SWNW	23	080S	210E	4304733860	14864	Federal	GW	P
WVFU 7W-23-8-21	WV 7W-23-8-21	SWNE	23	080S	210E	4304733861	14864	Federal	GW	P
WVFU 8W-12-8-21	WV 8W-12-8-21	SENE	12	080S	210E	4304733862	14864	Federal	GW	P
WVFU 10W-12-8-21	WV 10W-12-8-21	NWSE	12	080S	210E	4304733863	14864	Federal	GW	P
WVFU 14W-12-8-21	WV 14W-12-8-21	SESW	12	080S	210E	4304733864	14864	Federal	GW	P
WVFU 16W-12-8-21	WV 16W-12-8-21	SESE	12	080S	210E	4304733865	14864	Federal	GW	P
WVFU 1W-15-8-21	WV 1W-15-8-21	NENE	15	080S	210E	4304733902	14864	Federal	GW	S
WVFU 1W-22-8-21	WV 1W-22-8-21	NENE	22	080S	210E	4304733903	14864	Federal	GW	P
WVFU 1W-23-8-21	WV 1W-23-8-21	NENE	23	080S	210E	4304733904	14864	Federal	GW	P
WV 6W-11-8-21	WV 6W-11-8-21	SENE	11	080S	210E	4304733906	14864	Federal	GW	P
WVFU 7W-24-8-21	WV 7W-24-8-21	SWNE	24	080S	210E	4304733908	14864	Federal	GW	P
WV 10W-11-8-21	WV 10W-11-8-21	NWSE	11	080S	210E	4304733910	14864	Federal	GW	P
WVFU 11W-15-8-21	WV 11W-15-8-21	NESW	15	080S	210E	4304733911	14864	Federal	GW	P
WV 13W-11-8-21	WV 13W-11-8-21	SWSW	11	080S	210E	4304733913	14864	Federal	GW	S
WVFU 13W-15-8-21	WV 13W-15-8-21	SWSW	15	080S	210E	4304733914	14864	Federal	GW	P
WV 15W-10-8-21	WV 15W-10-8-21	SWSE	10	080S	210E	4304733916	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-15-8-21	WV 15W-15-8-21	SWSE	15	080S	210E	4304733917	14864	Federal	GW	P
WVFU 5W-14-8-21	WV 5W-14-8-21	SWNW	14	080S	210E	4304733953	14864	Federal	GW	P
WVFU 7W-14-8-21	WV 7W-14-8-21	SWNE	14	080S	210E	4304733955	14864	Federal	GW	P
WV 8W-11-8-21	WV 8W-11-8-21	SENE	11	080S	210E	4304733957	14864	Federal	GW	S
WVFU 8W-14-8-21	WV 8W-14-8-21	SENE	14	080S	210E	4304733958	14864	Federal	GW	P
WVFU 9W-15-8-21	WV 9W-15-8-21	NESE	15	080S	210E	4304733959	14864	Federal	GW	P
WVFU 12W-13-8-21	WV 12W-13-8-21	NWSW	13	080S	210E	4304733961	14864	Federal	GW	P
WVFU 14W-13-8-21	WV 14W-13-8-21	SESW	13	080S	210E	4304733962	14864	Federal	GW	P
WVFU 15W-14-8-21	WV 15W-14-8-21	SWSE	14	080S	210E	4304733963	14864	Federal	GW	P
WVFU 2W-18-8-22	WV 2W-18-8-22	NWNE	18	080S	220E	4304733986	14864	Federal	GW	P
WV 8W-18-8-22	WV 8W-18-8-22	SENE	18	080S	220E	4304733989	14864	Federal	GW	P
WVFU 10W-18-8-22	WV 10W-18-8-22	NWSE	18	080S	220E	4304733991	14864	Federal	GW	P
WVFU 12W-18-8-22	WV 12W-18-8-22	NWSW	18	080S	220E	4304733993	14864	Federal	GW	P
WV 14W-18-8-22	WV 14W-18-8-22	SESW	18	080S	220E	4304733995	14864	Federal	GW	P
WVFU 8W-1-8-21	WV 8W-1-8-21	SENE	01	080S	210E	4304734009	14864	Federal	GW	DRL
WV 4W-17-8-22	WV 4W-17-8-22	NWNW	17	080S	220E	4304734038	14864	Federal	GW	P
WV 12G-1-8-21	WV 12G-1-8-21	NWSW	01	080S	210E	4304734108	5265	Federal	OW	TA
WV 2W-14-8-21	WV 2W-14-8-21	NWNE	14	080S	210E	4304734140	14864	Federal	GW	P
GH 2W-21-8-21	GH 2W-21-8-21	NWNE	21	080S	210E	4304734141	14864	Federal	GW	P
WV 2W-23-8-21	WV 2W-23-8-21	NWNE	23	080S	210E	4304734142	14864	Federal	GW	P
GH 3W-21-8-21	WV 3W-21-8-21	NENW	21	080S	210E	4304734143	14864	Federal	GW	P
WV 4W-13-8-21	WV 4W-13-8-21	NWNW	13	080S	210E	4304734144	14864	Federal	GW	P
GH 4W-21-8-21	WV 4W-21-8-21	NWNW	21	080S	210E	4304734145	14864	Federal	GW	P
WV 4W-22-8-21	WV 4W-22-8-21	NWNW	22	080S	210E	4304734146	14864	Federal	GW	P
WV 16W-11-8-21	WV 16W-11-8-21	SESE	11	080S	210E	4304734155	14864	Federal	GW	TA
WV 3W-19-8-22	WV 3W-19-8-22	NENW	19	080S	220E	4304734187	14864	Federal	GW	P
WV 4W-23-8-21	WV 4W-23-8-21	NWNW	23	080S	210E	4304734188	14864	Federal	GW	P
WV 6W-23-8-21	WV 6W-23-8-21	SENE	23	080S	210E	4304734189	14864	Federal	GW	P
WV 2W-15-8-21	WV 2W-15-8-21	NWNE	15	080S	210E	4304734242	14864	Federal	GW	P
WV 2W-22-8-21	WV 2W-22-8-21	NWNE	22	080S	210E	4304734243	14864	Federal	GW	P
WV 4W-14-8-21	WV 4W-14-8-21	NWNW	14	080S	210E	4304734244	14864	Federal	GW	P
WV 6W-12-8-21	WV 6W-12-8-21	SENE	12	080S	210E	4304734245	5265	Federal	GW	S
WV 7W-15-8-21	WV 7W-15-8-21	SWNE	15	080S	210E	4304734246	14864	Federal	GW	P
WV 8W-15-8-21	WV 8W-15-8-21	SENE	15	080S	210E	4304734247	14864	Federal	GW	P
WV 12W-12-8-21	WV 12W-12-8-21	NWSW	12	080S	210E	4304734248	14864	Federal	GW	S
WV 14W-15-8-21	WV 14W-15-8-21	SESW	15	080S	210E	4304734249	14864	Federal	GW	P
WV 16W-10-8-21	WV 16W-10-8-21	SESE	10	080S	210E	4304734250	14864	Federal	GW	P
WV 16W-15-8-21	WV 16W-15-8-21	SESE	15	080S	210E	4304734251	14864	Federal	GW	P
WV 2W-12-8-21	WV 2W-12-8-21	NWNE	12	080S	210E	4304734265	14864	Federal	GW	OPS
WV 3W-12-8-21	WV 3W-12-8-21	NENW	12	080S	210E	4304734267	14864	Federal	GW	OPS
WV 4W-12-8-21	WV 4D-12-8-21	NWNW	12	080S	210E	4304734268	12436	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 5W-12-8-21	WV 5W-12-8-21	SWNW	12	080S	210E	4304734270	14864	Federal	GW	OPS
WV 6W-14-8-21	WV 6W-14-8-21	SENW	14	080S	210E	4304734271	14864	Federal	GW	P
WV 9W-11-8-21	WV 9W-11-8-21	NESE	11	080S	210E	4304734274	14864	Federal	GW	DRL
WV 10W-14-8-21	WV 10W-14-8-21	NWSE	14	080S	210E	4304734275	14864	Federal	GW	S
WV 11W-14-8-21	WV 11W-14-8-21	NESW	14	080S	210E	4304734277	14864	Federal	GW	P
WV 12W-14-8-21	WV 12W-14-8-21	NWSW	14	080S	210E	4304734279	14864	Federal	GW	S
WV 14M-11-8-21	WV 14M-11-8-21	SESW	11	080S	210E	4304734280	14864	Federal	GW	P
WV 14W-14-8-21	WV 14W-14-8-21	SESW	14	080S	210E	4304734281	14864	Federal	GW	P
WV 16W-14-8-21	WV 16G-14-8-21	SESE	14	080S	210E	4304734283	5265	Federal	OW	S
WV 3MU-15-8-21	WV 3MU-15-8-21	NENW	15	080S	210E	4304734289	14864	Federal	GW	P
WV 4MU-15-8-21	WV 4MU-15-8-21	NWNW	15	080S	210E	4304734291	14864	Federal	GW	P
WV 5MU-15-8-21	WV 5MU-15-8-21	SWNW	15	080S	210E	4304734293	14864	Federal	GW	P
WV 6W-15-8-21	WV 6W-15-8-21	SENW	15	080S	210E	4304734294	14864	Federal	GW	P
WV 10W-15-8-21	WV 10W-15-8-21	NWSE	15	080S	210E	4304734295	14864	Federal	GW	P
WVU 4W-24-8-21	WV 4W-24-8-21	NWNW	24	080S	210E	4304734330	14864	Federal	GW	P
WV 8M-23-8-21	WV 8M-23-8-21	SENE	23	080S	210E	4304734339	14864	Federal	GW	P
WVU 8W-24-8-21	WV 8W-24-8-21	SENE	24	080S	210E	4304734340	14864	Federal	GW	P
WV 2W-8-8-22	WV 2W-8-8-22	NWNE	08	080S	220E	4304734468	14864	Federal	GW	P
WV 8W-7-8-22	WV 8W-7-8-22	SENE	07	080S	220E	4304734469	14864	Federal	GW	S
WV 8W-22-8-21	WV 8W-22-8-21	SENE	22	080S	210E	4304734564	14864	Federal	GW	P
WV 3G-8-8-22	WV 3G-8-8-22	NENW	08	080S	220E	4304734596	5265	Federal	OW	TA
WV 14MU-10-8-21	WV 14MU-10-8-21	SESW	10	080S	210E	4304735879	14864	Federal	GW	P
WV 13MU-10-8-21	WV 13MU-10-8-21	SWSW	10	080S	210E	4304736305	14864	Federal	GW	P
WV 3DML-13-8-21	WV 3D-13-8-21	SENW	13	080S	210E	4304737923	14864	Federal	GW	DRL
WV 14DML-12-8-21	WV 14DML-12-8-21	SESW	12	080S	210E	4304737924	14864	Federal	GW	DRL
WV 15AML-12-8-21	WV 15AML-12-8-21	NWSE	12	080S	210E	4304737925		Federal	GW	APD
WV 13DML-10-8-21	WV 13DML-10-8-21	SWSW	10	080S	210E	4304737926	14864	Federal	GW	P
WV 4DML-15-8-21	WV 4DML-15-8-21	NWNW	15	080S	210E	4304737927	14864	Federal	GW	DRL
WV 13AD-8-8-22	WV 13AD-8-8-22	SWSW	08	080S	220E	4304737945		Federal	GW	APD
WV 11AML-14-8-21	WV 11AD-14-8-21	NWSE	14	080S	210E	4304738049	15899	Federal	GW	APD
WV 11DML-14-8-21	WV 11DML-14-8-21	SESW	14	080S	210E	4304738050		Federal	GW	APD
WV 4AML-19-8-22	WV 4AML-19-8-22	NWNW	19	080S	220E	4304738051		Federal	GW	APD
WV 13CML-8-8-22	WV 13CML-8-8-22	SWSW	08	080S	220E	4304738431		Federal	GW	APD
WV 13BML-18-8-22	WV 13BML-18-8-22	SWSW	18	080S	220E	4304738432		Federal	GW	APD
WV 8BML-18-8-22	WV 8BML-18-8-22	E/NE	18	080S	220E	4304738433		Federal	GW	APD
WV 6ML-24-8-21	WV 6-24-8-21	SENW	24	080S	210E	4304738663		Federal	GW	APD
WV 2ML-24-8-21	WV 2ML-24-8-21	NWNE	24	080S	210E	4304738664		Federal	GW	APD
WV 1DML-13-8-21	WV 1DML-13-8-21	NENE	13	080S	210E	4304738733		Federal	GW	APD
WV 4DML-13-8-21	WV 4DML-13-8-21	NWNW	13	080S	210E	4304738734		Federal	GW	APD
WV 3AML-14-8-21	WV 3AML-14-8-21	NENW	14	080S	210E	4304738736		Federal	GW	APD
WV 16CML-14-8-21	WV 16C-14-8-21	SESE	14	080S	210E	4304738737		Federal	GW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 21	WV 21	NENE	16	080S	210E	4304715452	99990	State	WI	A
WVU 32	WV 32	NENW	16	080S	210E	4304716513	5265	State	OW	P
WVU 72	WV 72	SWSW	16	080S	210E	4304720058	99990	State	WI	A
WVU 73	WV 73	NESE	16	080S	210E	4304720066	5265	State	WI	A
WVU 74	WV 74	SWSE	16	080S	210E	4304720078	5265	State	OW	P
WVU 75	WV 75	SWNE	16	080S	210E	4304720085	5265	State	OW	P
WVU 78	WV 78	NESW	16	080S	210E	4304720115	99990	State	WI	A
WVU 134	WV 134	SESE	16	080S	210E	4304731118	5265	State	OW	P
WVU 141	WV 141	NWSE	16	080S	210E	4304731609	5265	State	OW	P
WVU 127	WV 127	SENE	16	080S	210E	4304731611	5265	State	OW	P
WVU 142	WV 142	SESW	16	080S	210E	4304731612	5265	State	OW	P
WVUFU 9W-13-8-21	WV 9W-13-8-21	NESE	13	080S	210E	4304733223	14864	State	GW	S
WVUFU 2W-16-8-21	WV 2W-16-8-21	NWNE	16	080S	210E	4304733246	14864	State	GW	P
WVUFU 2G-16-8-21	WV 2G-16-8-21	NWNE	16	080S	210E	4304733247	5265	State	OW	P
WVUFU 6W-16-8-21	WV 6W-16-8-21	SENW	16	080S	210E	4304733527	14864	State	GW	P
WVUFU 6G-16-8-21	WV 6G-16-8-21	SENW	16	080S	210E	4304733564	5265	State	OW	P
WVUFU 16W-2-8-21	WV 16W-2-8-21	SESE	02	080S	210E	4304733645	5265	State	OW	S
WVUFU 9W-2-8-21	WV 9W-2-8-21	NESE	02	080S	210E	4304733648	14864	State	GW	P
WVUFU 12W-16-8-21	WV 12W-16-8-21	NWSW	16	080S	210E	4304733649	14864	State	GW	P
WVUFU 12G-16-8-21	WV 12G-16-8-21	NWSW	16	080S	210E	4304733650	5265	State	OW	P
WVUFU 16W-13-8-21	WV 16W-13-8-21	SESE	13	080S	210E	4304733796	14864	State	GW	P
WV 10G-2-8-21	WV 10G-2-8-21	NWSE	02	080S	210E	4304734035	5265	State	OW	P
WV 14G-2-8-21	WV 14G-2-8-21	SESW	02	080S	210E	4304734036	5265	State	OW	P
WV 13G-2-8-21	WV 13G-2-8-21	SWSW	02	080S	210E	4304734068	5265	State	OW	P
WV 5G-16-8-21	WV 5G-16-8-21	SWNW	16	080S	210E	4304734107	5265	State	OW	P
WV 11W-16-8-21	WV 11W-16-8-21	NESW	16	080S	210E	4304734190	14864	State	GW	P
WV 13W-16-8-21	WV 13W-16-8-21	SWSW	16	080S	210E	4304734191	14864	State	GW	P
WV 14W-16-8-21	WV 14W-16-8-21	SESW	16	080S	210E	4304734192	14864	State	GW	P
WV 15W-16-8-21	WV 15W-16-8-21	SWSE	16	080S	210E	4304734224	14864	State	GW	P
WV 16W-16-8-21	WV 16W-16-8-21	SESE	16	080S	210E	4304734225	14864	State	GW	P
WV 1MU-16-8-21	WV 1MU-16-8-21	NENE	16	080S	210E	4304734288	14864	State	GW	P
WV 3W-16-8-21	WV 3W-16-8-21	NENW	16	080S	210E	4304734290		State	GW	LA
WV 4W-16-8-21	WV 4W-16-8-21	NWNW	16	080S	210E	4304734292	12436	State	D	PA
WVU 5W-16-8-21	WV 5W-16-8-21	SWNW	16	080S	210E	4304734321	14864	State	GW	P
WV 7W-16-8-21	WV 7W-16-8-21	SWNE	16	080S	210E	4304734322	14864	State	GW	P
WV 8ML-16-8-21	WV 8ML-16-8-21	SENE	16	080S	210E	4304734323	14864	State	GW	P
WV 9W-16-8-21	WV 9W-16-8-21	NESE	16	080S	210E	4304734325	14864	State	GW	P
WV 10W-16-8-21	WV 10W-16-8-21	NWSE	16	080S	210E	4304734326	14864	State	GW	P
WV 12BML-16-8-21	WV 12BML-16-8-21	SWNW	16	080S	210E	4304737824	14864	State	GW	P
WV 12DML-16-8-21	WV 12D-16-8-21	NWSW	16	080S	210E	4304737870		State	GW	APD
WV 15CML-16-8-21	WV 15CML-16-8-21	SESW	16	080S	210E	4304737871	14864	State	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 15DML-16-8-21	WV 15DML-16-8-21	SWSE	16	080S	210E	4304737872		State	GW	APD
WV 16DML-13-8-21	WV 16DML-13-8-21	SESE	13	080S	210E	4304738735		State	GW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
		7. UNIT or CA AGREEMENT NAME: see attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: see attached	
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:

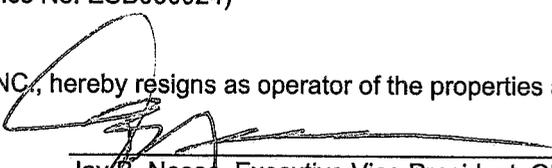
4. LOCATION OF WELL
FOOTAGES AT SURFACE: attached COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

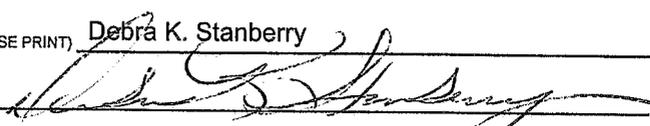
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


 Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list


 Jay B. Neese, Executive Vice President
 Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

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APR 19 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

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APR 19 2007
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Wonsits Valley Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Wonsits Valley Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wonsits Valley Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Wonsits Valley Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Wonsits Valley Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-2237
2. NAME OF OPERATOR: QEP UINTA BASIN, INC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
3. ADDRESS OF OPERATOR: 1571 E. 1700 S. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: WONSITS VALLEY UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1522' FSL 1257' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW WS 16 8S 21E NWSW		8. WELL NAME and NUMBER: WV 12DML-16-8-21
		9. API NUMBER: 4304737870
		10. FIELD AND POOL, OR WILDCAT: WONSITS VALLEY
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD EXTENSION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the WV 12DML-16-8-21.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-10-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 4-11-07
Initials: RM

NAME (PLEASE PRINT) <u>Laura Bills</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>4/9/2007</u>

(This space for State use only)

RECEIVED
APR 10 2007

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-37870
Well Name: WV 12DML-16-8-21
Location: 1522' FSL 1257' FWL, NWSW, SEC. 16, T8S, R21E
Company Permit Issued to: QEP UINTA BASIN, INC.
Date Original Permit Issued: 4/13/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Dana Bills
Signature

4/9/2007
Date

Title: REGULATORY ASSISTANT

Representing: QEP UINTA BASIN, INC.

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APR 10 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-2237
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: WONSITS VALLEY UNIT
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO.		8. WELL NAME and NUMBER: WV 12DML-16-8-21
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 781-4301	9. API NUMBER: 4304737870
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1522' FSL 1257' FWL		10. FIELD AND POOL, OR WILDCAT: WONSITS VALLEY
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 8S 21E		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD EXTENSION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Questar Exploration & Production Co. hereby requests a 1 year extension on the WV 12DML-16-8-21.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-09-08
By: 

COPY SENT TO OPERATOR
Date: 4.14.2008
Initials: KS

NAME (PLEASE PRINT) <u>Laura Bills</u>	TITLE <u>Associate Regulatory Affairs Analyst</u>
SIGNATURE 	DATE <u>4/2/2008</u>

(This space for State use only)

RECEIVED CONFIDENTIAL
APR 07 2008

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-37870
Well Name: WV 12DML-16-8-21
Location: 1522' FSL 1257' FWL, NWSW, SEC. 16, T8S, R21E
Company Permit Issued to: Questar Exploration & Production Co.
Date Original Permit Issued: 4/13/2006

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Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Sanna Bills
Signature

4/2/2008
Date

Title: Associate Regulatory Affairs Analyst

Representing: Questar Exploration & Production Co.

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APR 07 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-2237
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
3. ADDRESS OF OPERATOR: 11002 E 17500 S CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: WONSTIS VALLEY UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1522' FSL 1257' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 8S 21E		8. WELL NAME and NUMBER: WV 12DML-16-8-21
		9. API NUMBER: 4304737870
		10. FIELD AND POOL, OR WILDCAT: COUNTY: UINTAH STATE: UTAH
		PHONE NUMBER: (435) 781-4331

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUEST TO CHANGE THE WELL NAME FROM WV 12DML-16-8-21 TO WV 12D-16-8-21.

COPY SENT TO OPERATOR

Date: 8.4.2008

Initials: KS

NAME (PLEASE PRINT) <u>JAN NELSON</u>	TITLE <u>REGULATORY AFFAIRS</u>
SIGNATURE <u><i>Jan Nelson</i></u>	DATE <u>7/6/2008</u>

RECEIVED
JUL 08 2008
DIV. OF OIL, GAS & MINING

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 3

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: <input type="checkbox"/> DRILL <input type="checkbox"/> REENTER <input checked="" type="checkbox"/> DEEPEN		5. MINERAL LEASE NO: ML-2237	6. SURFACE: UTE TRIBE
B. TYPE OF WELL <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS OTHER _____ <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE		7. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBE	
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		8. UNIT or CA AGREEMENT NAME: WONSITS VALLEY UNIT	
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078		9. WELL NAME and NUMBER: WV 12DML-16-8-21	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1522' FSL 1257' FWL AT PROPOSED PRODUCING ZONE: SAME		10. FIELD AND POOL, OR WILDCAT:	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 8 + 1 - MILES OURAY, UTAH		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 8S 21E	12. COUNTY: UINTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE(FEET) 1257' +/-		13. STATE: UTAH	
16. NUMBER OF ACRES IN LEASE: 600		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 20	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 460 +/-		19. PROPOSED DEPTH 17,120'	
20. BOND DESCRIPTION: 04127294		21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4746.7' GL	
22. APPROXIMATE DATE WORK WILL START: ASAP		23. ESTIMATED DURATION: 75 DAYS	

24 PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
	Please refer to Drilling Plan		Please refer to Drilling Plan

25 **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERATION GENERAL RULES:

WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER COMPLETE DRILLING PLAN

EVIDNECE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OV

NAME (PLEASE PRINT) Jan Nelson TITLE Regulatory

SIGNATURE *Jan Nelson* DATE 07/06/08

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37870 APPROVAL: _____

(11/2001)

APPROVED BY THE STATE
(See Instruction on Reverse Side)
OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 8/4/08
BY: *[Signature]*

RECEIVED
JUL 08 2008

DIV. OF OIL, GAS & MINING
CONFIDENTIAL

COPY SENT TO OPERATOR
Date: 8.4.2008
Initials: KS

T8S, R21E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

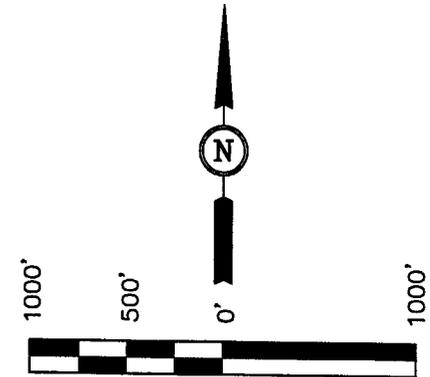
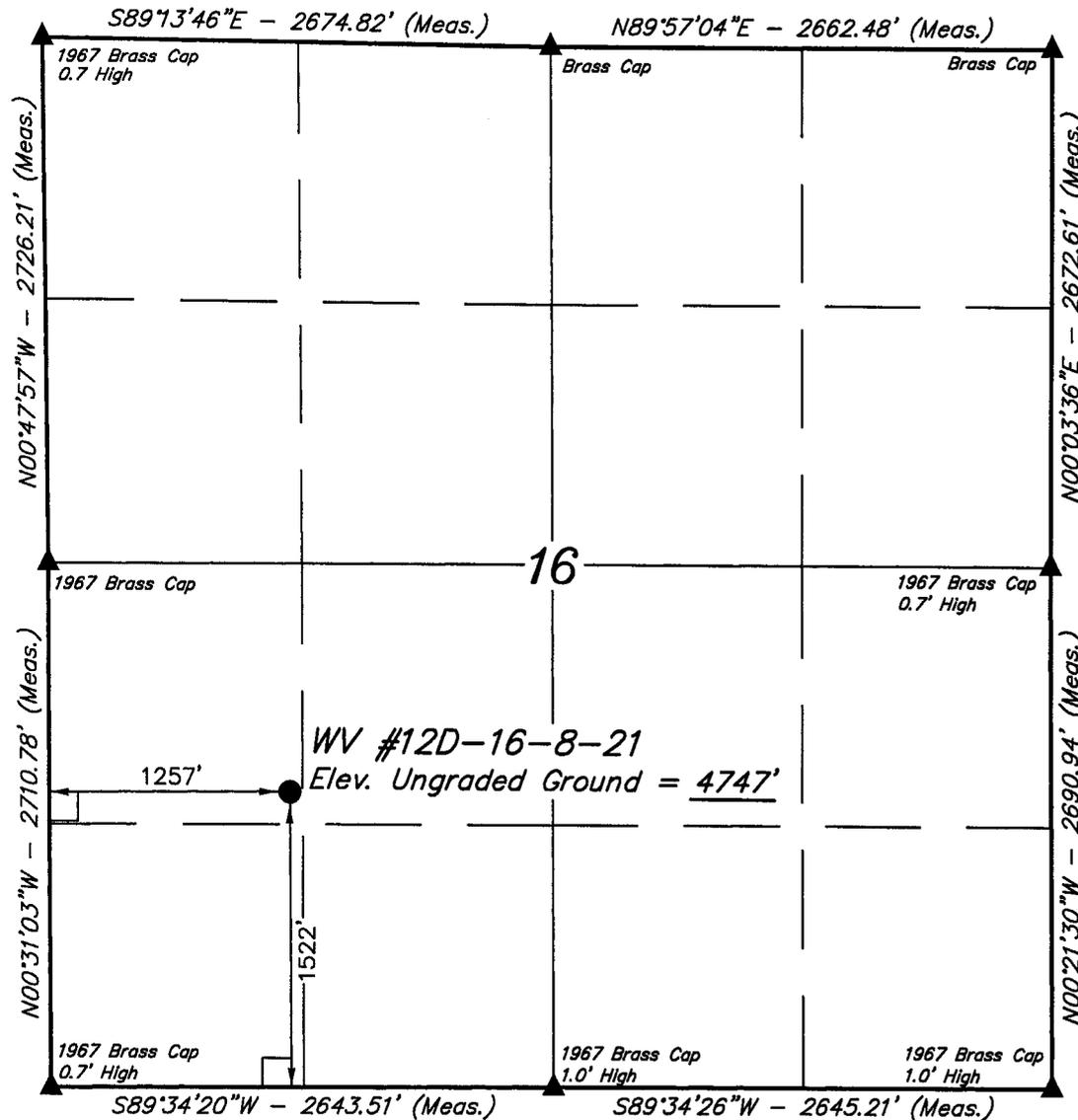
Well location, WV #12D-16-8-21, located as shown in the NW 1/4 SW 1/4 of Section 16, T8S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

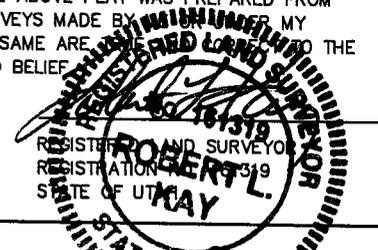
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED 05-27-08 D.P.

UINTAH ENGINEERING & SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = $40^{\circ}07'12.69''$ (40.120192)
 LONGITUDE = $109^{\circ}33'52.49''$ (109.564581)
 (NAD 27)
 LATITUDE = $40^{\circ}07'12.82''$ (40.120228)
 LONGITUDE = $109^{\circ}33'50.00''$ (109.563889)

SCALE 1" = 1000'	DATE SURVEYED: 12-23-05	DATE DRAWN: 01-19-06
PARTY D.A. C.F. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	2,620'
Wasatch	6,045'
Mesaverde	9,270'
Sego	11,745'
Castlegate	11,845'
Blackhawk	12,175'
Mancos Shale	12,617'
Mancos B	13,093'
Frontier	15,760'
Dakota Silt	16,720'
Dakota	16,920'
TD	17,120'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	6,045'
Gas	Mesaverde	9,270'
Gas	Blackhawk	12,175'
Gas	Mancos Shale	12,617'
Gas	Mancos B	13,093'
Gas	Dakota	16,920'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment:

- A. 13-5/8" 5000 psi double gate, 5,000 psi annular BOP (schematic included) from surface hole to 9-5/8" casing point. A 13-5/8" 10,000 psi double and single gate may be substituted based on contractor availability and substructure height of the drilling rig.
- B. 11" or 13-5/8" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth. The choice of BOP stacks is based on the drilling contractor's availability.
- C. Functional test daily
- D. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- E. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

DRILLING PROGRAM

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Mud Weight	Wt. lb/ft	Grade	Thread	Cond.
26"	20"	sfc	40-60'	N/A	Steel	Cond.	None	Used
17-1/2"	13-3/8"	sfc	500'	N/A	54.5	K-55	STC	New
12-1/4"	9-5/8"	sfc	5,370'	9.2	47	HCP-110	LTC Flush Jnt **	New
8-1/2"	7"	Surface	9,000'		26	HCP-110	LTC	New
8-1/2"	7"	9000'	13,193'	13.5	29 SDrift *	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,000'		15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,000'	15,000'		15.1	Q-125	LTC	New
6-1/8"	4-1/2"	15,000'	17,120'	15.1	16.6	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
13-3/8"	54.5 lb.	K-55	STC	1,130 psi	2,730 psi	547,000 lb.
9-5/8"	47 lb.	HCP-110	LTC	7,100 psi	9,440 psi	1,213,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.
4-1/2"	16.6 lb.	Q-125	LTC	19,010 psi	18,130 psi	493,000 lb.

* Special Drift

** Flush Jnt – VAM SLIJ II or LT&C based on availability

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125
 BURST: 1.10
 TENSION: 1.80

} for 4.5%

DRILLING PROGRAM

Area Fracture Gradient: 0.9 psi/foot
Maximum anticipated mud weight: 14.8 ppg
Maximum surface treating pressure: 12,500 psi

5. **Cementing Program**

20" Conductor:

Cement to surface with construction cement.

13-3/8" Surface Casing: sfc – 500' (MD)

Slurry: 0' – 500'. 610 sxs (731 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl₂.
Slurry wt: 15.6 ppg, slurry yield: 1.20 ft³/sx, slurry volume: 17-1/2" hole + 100% excess.

9-5/8" Intermediate Casing: sfc – 5,370' (MD)

Lead Slurry: 0' – 4,870'. 1185 sks (367 bbls) Foamed Lead 50/50 Poz cement + 0.1 % FDP-C766-05 (Low Fluid Loss Control) + 5 #/sx Silicate Compacted + 20 % SSA-1 + 0.1 % Versaset + 1.5 % Zonesealant 2000 (foamer) Slurry wt: 14.3 ppg, (unfoamed) or 11.0 ppg (foamed). Slurry yield: 1.47 ft³/sk (unfoamed), Slurry volume: 12-1/4" hole + 35% excess.

Tail Slurry: 4,870' – 5,370'. 115 sks (30 bbls) Tail 50/50 Poz cement + 0.1 % FDP-C766-05 (Low Fluid Loss Control) + 5 #/sx Silicate Compacted + 20 % SSA-1 + 0.1 % Versaset. Slurry wt: 14.3 ppg, Slurry yield: 1.47 ft³/sk, Slurry volume: 12-1/4" hole + 35% excess.

7" Intermediate Casing: sfc - 13,193' (MD)

Foamed Lead Slurry 2: 0' – 12,693'. 1437 sks (2576 cu ft) 0.1% HALAD-766 (Low Fluid Loss Control); Slurry Yield: 1.47 ft³/sk; 5 lbm/sk Silicalite Compacted (Light Weight; Additive) Total Mixing Fluid: 6.40 Gal/sk; 20 % SSA-1 (Heavy Weight Additive); 0.1 % Versaset (Thixotropic Additive); 1.5 % FDP-C760-04 (Foamer) 35% excess.

Tail Slurry: 12,693' – 13,193'. 60 sks (79.3 cu ft) 0.1% HALAD-766 (Low Fluid Loss Control) Slurry Yield: 1.47 ft³/sk; 5 lbm/sk Silicalite Compacted (Light Weight Additive) Total Mixing Fluid: 6.40 Gal/sk; 20 % SSA-1 (Heavy Weight Additive); 0.1% Versaset (Thixotropic Additive); 1.5% FDP-C760-04 (Foamer).

4-1/2" Production Casing: sfc - 17,120' (MD)

Lead/Tail Slurry: 6,000' - 17,120'. 949 sks (1414 cu ft) Premium Cement + 17.5% SSA-1, + 4% Microbond HT, + 0.2% Halad 344 + 0.5% Halad 413, + 0.3% CFR-3, + 0.9% HR-12, + 0.2% Super CBL, + 0.2% Suspend HT, 17.5% SSA-2. Slurry wt: 16.2 ppg, Slurry yield: 1.49 ft³/sk, Slurry volume: 6-1/8" hole + 35% in open hole section.

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate strings and 6,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

DRILLING PROGRAM

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – yes
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
If drilling with air the following will be used:
- F. Request for Variance

Drilling surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III Requirements, subsection E. Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is 500 feet and high pressures are not expected.

1. **Properly lubricated and maintained rotating head** – A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
2. **Blooiie line discharge 100 feet from wellbore and securely anchored** – the blooiie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
3. **Automatic ignitor or continuous pilot light on blooiie line** – a diffuser will be used rather than an automatic pilot/ignitor. Water is injected into the compressed air and eliminates the need for a pilot light and the need for dust suppression equipment.
4. **Compressors located in the opposite direction from the blooiie line a minimum of 100 feet from the wellbore** – compressors located within 50 feet on the opposite side of the wellbore from the blooiie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valves on the compressors, 3) spark arrestors on the motors.

DRILLING PROGRAM

5. **Kill Fluid to control well** – In lieu of having mud products on location to kill the well for an unanticipated kick, Questar will kill the well with water contained in a 400 bbl tank on site. The 400 bbl water tank will also be storage for surface casing cement water.
 6. **Deflector on the end of the blooie line** – Questar will mount a deflector unit at the end of the blooie line for the purpose of changing the direction and velocity of the air and cuttings flow into the reserve pit. Changing the velocity and direction of the cuttings and air will preserve the pit liner. In the event the deflector washes out due to erosion caused by the sand blasting effect of the cuttings, there will be no problem because the deflector is mounted on the very end of the blooie. A washed out deflector will be easily replaced.
 7. **Flare Pit** – there will be no need of a flare pit during the surface hole air drilling operation because the blooie line is routed directly to the reserve pit. When the big rig arrives for the main drilling after setting surface casing, a flare box will be installed and all flare lines will be routed to the flare box.
- G. All other operations and equipment for air/gas drilling shall meet specifications in Onshore Order #2, Section III Requirements, subsection E. Special Drilling Operations and Onshore Order #1.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Intermediate holes will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. The production hole will be drilled with oil base mud (OBM). No chromates will be used. Maximum anticipated mud weight is 14.8 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

7. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 2500' to TD
GR-SP-Induction, Neutron Density, FMI
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.

DRILLING PROGRAM

Stimulation – Stimulation will be designed for the particular area of interest as encountered.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 13,000 psi. Maximum anticipated bottom hole temperature is 310° F.

9. **Additional Information For Oil Base Mud**

- A. See attached diagram of well pad layout. A reserve pit will be constructed for this location. This pit will be constructed so that a minimum of two vertical feet of freeboard exists above the top of the pit at all times and at least one-half of the holding capacity will be below ground level. The pit will be lined with a synthetic reinforced liner, 30 millimeters thick, with sufficient bedding used to cover any rocks prior to putting any fluids into the pit. The pad will be designed so that runoff from adjacent slopes does not flow into the reserve pit. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. At the beginning of drilling operations this reserve pit will have an open-ended dike placed in the pit that allows the fluids to migrate from one side of the pit to the other during the drilling of the surface and intermediate hole using water based mud. At the time that operations begin to drill the production hole with oil base mud, this dike will be extended, dividing the pit into two distinct, isolated halves allowing no migration of fluids from one side to the other. At that time all fluids will be removed from the end of the pit to be used as a cuttings pit. This cuttings pit will be used for oil based cuttings generated during drilling of the production hole.
- B. Oil-base mud will be mixed in the closed circulating system and transferred to four 500-bbl tanks on location for storage prior to and after drilling operations. Drip pans will be installed below the rotary beams on the substructure and can be viewed on site from the cellar area. As the production section of the hole is drilled, the cuttings transported to the surface with the drilling fluid will be mechanically separated from the drilling fluid as waste by two shale-shakers and then cleaned/dried via a mud cleaner and/or centrifuge. These separated cuttings will be transferred to the cuttings pit nearest the shakers and stored in this cuttings pit for solidification after the rig is released and moved off location.
- C. The means to transport the cuttings from the solids control equipment to the OBM cuttings pit will be by 10" PVC pipe or equivalent steel piping. Water will be pumped to the solids control equipment and will convey the OBM cuttings from the solids control equipment to the OBM cuttings pit via the PVC pipe. The water will be

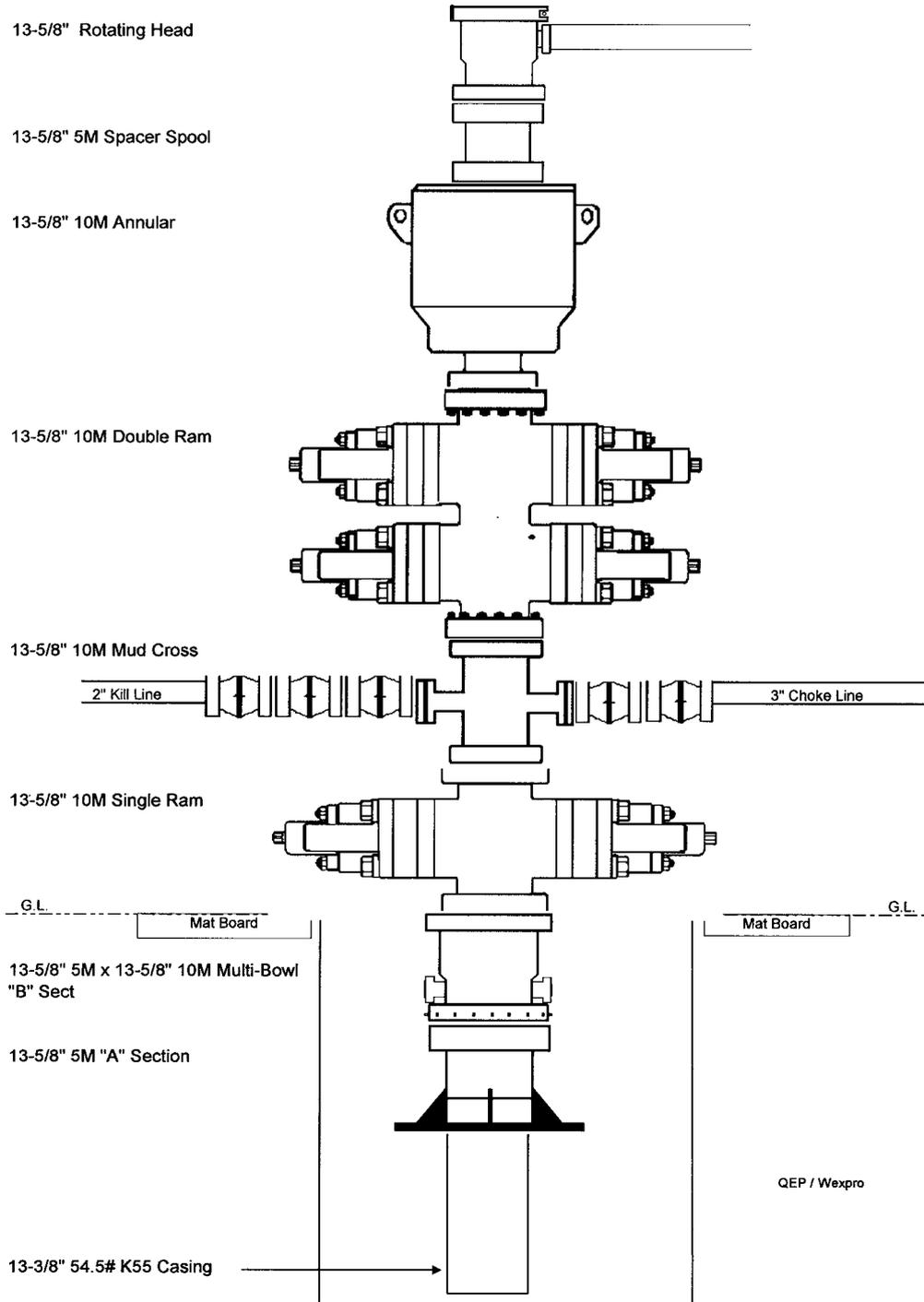
DRILLING PROGRAM

recycled multiple times from the cuttings pit to continue to transport the cuttings to the cuttings pit. The conveyance system will be enclosed on the solids control end to prevent spills. The conveyance piping system at the cuttings pit end will be placed on top of pit liner to eliminate absorption of fluids into the soil.

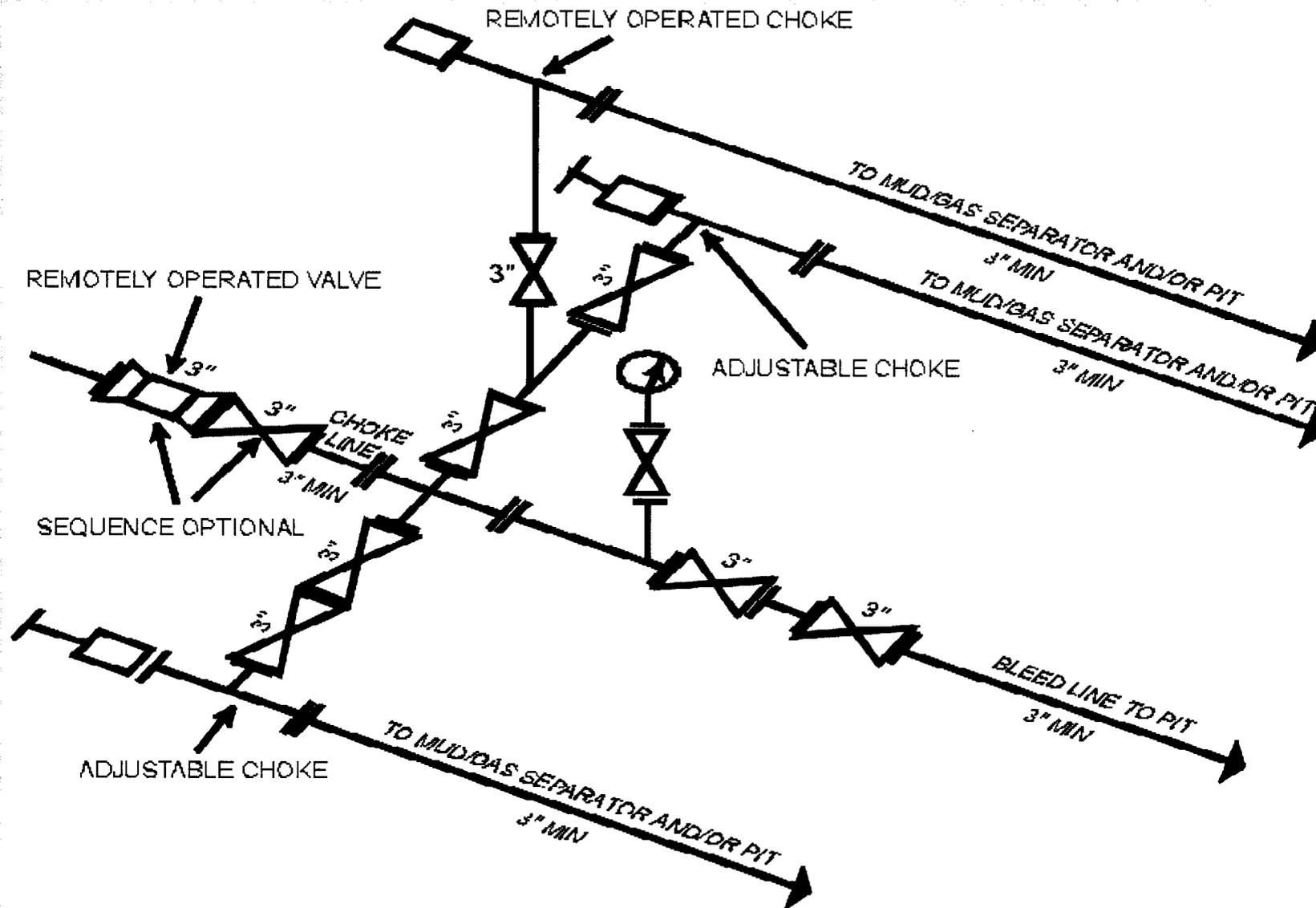
- D.** Plastic material will underlay the rig, oil base mud/diesel storage tanks and mud pits. All tanks on location will be placed inside of berms. Any oily waste fluids and sediments generated at the work site during drilling operations or when cleaning the fluid containment system after drilling will also be placed into the cuttings half of the pit.
- E.** All rig ditches will be lined and directed to a lined sump for fluid recovery. A drip pan will be installed on the BOP stack, a mud bucket will be utilized as needed on connections and a vacuum system will be used on the rig floor for fluid recovery in those areas.
- F.** Once all waste has been placed in the cuttings portion of the pit and all necessary approvals obtained, the oilfield waste management consultant Soli-Bond or a similar company will mobilize equipment and personnel to the site to perform the cement based solidification/stabilization process in-situ for encapsulation. Soil will be backfilled over the processed material used on the cuttings side of the pit and that portion of the pit area will be returned to the existing grade bordering the pit. Please see the attached Soli-Bond Proposal for Processing and Disposal of Drilling Waste for specific details. The half of the reserve pit containing water base materials will be left to evaporate and will be closed and reclaimed at the time that portion of the pit is dry.

DRILLING PROGRAM

BOP Requirements:



Attachment I Diagrams of Choke Manifold Equipment

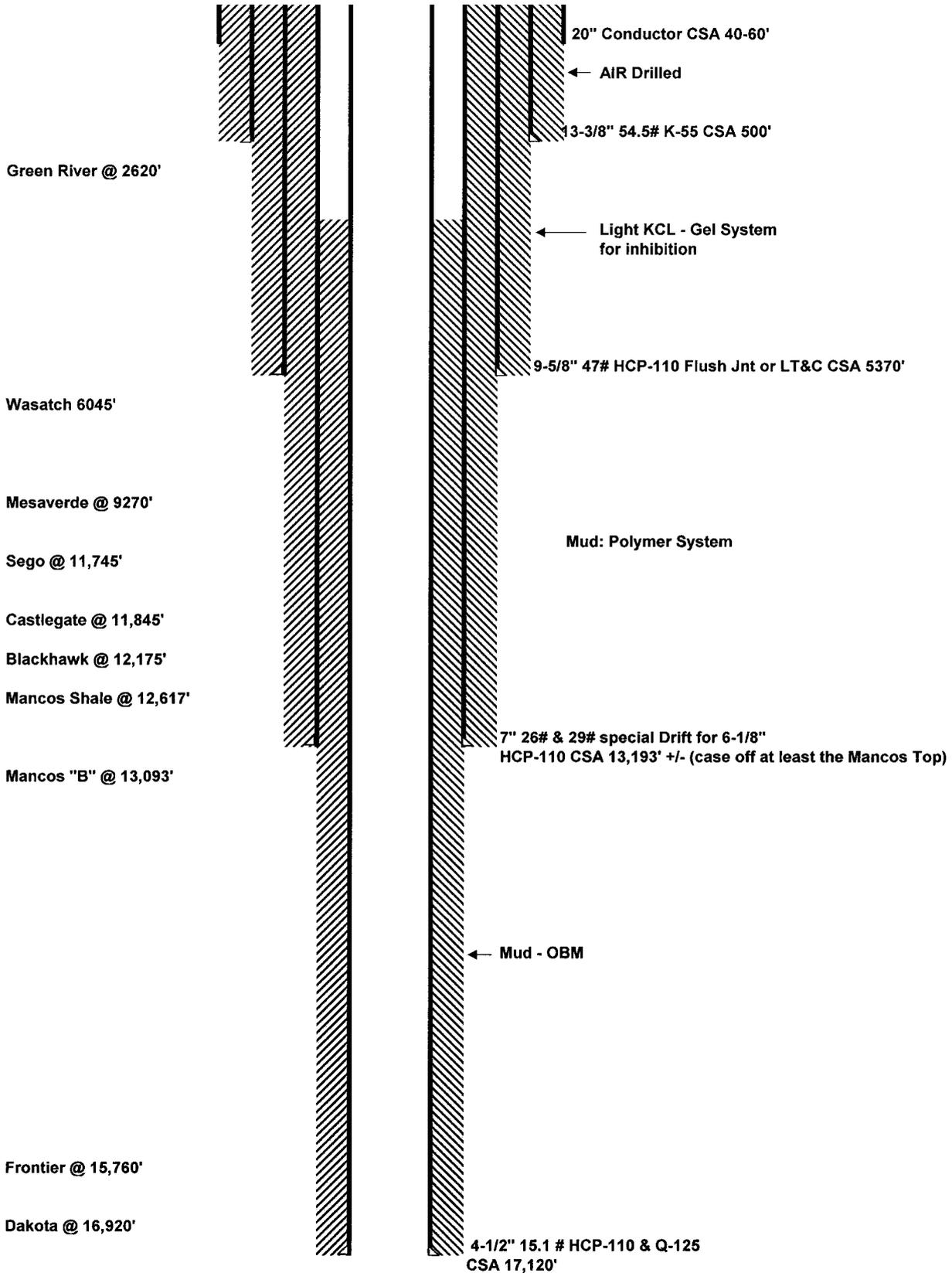


I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[34 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

WV 12D-16-8-21



QUESTAR EXPLORATION AND PRODUCTION COMPANY
WELLSITE CUTTINGS MANAGEMENT PLAN

UINTA BASIN PROJECT AREA
WV 12D-16-8-21
Township: 8 South, Range 21 East

Uintah County, Utah

UINTA BASIN CUTTINGS MANAGEMENT PLAN

Solidifying / Stabilizing Cuttings Pits

1. PROJECT DESCRIPTION

We drill and set conductor, then drill, case and cement surface casing, then drill, run casing, and cement intermediate sections, then finally drill the production holes. This insures that surface water is protected and is not exposed to more saline waters and that treatable water is not exposed to oil based mud (OBM). In addition, water and oil is skimmed off during the various phases for reuse and to minimize the fluid levels in the pit.

The wells to be drilled use oil base drilling fluid during the production section of each well. As the production section of the well is drilled, drill cuttings will be generated and separated from the drilling fluid, then deposited in a single on-site waste pit with synthetic liners (cuttings pit). These oil base mud cuttings (OBMC) are expected to contain elevated levels of adhered entrained hydrocarbons due to their prior contact with the OBM. The OBMC will be collected in a steel catch tank as drilling progresses, moved to the cuttings pit by a wheel loader, and mixed with the water based cuttings generated during drilling of the upper sections of the wellbore.

A state approved contractor will treat the waste placed in the cuttings pit using the solidification/stabilization (S/S) process described below. Prior to beginning the S/S process, the contractor will collect samples of the contents of the cuttings pit for criteria verification. The waste will be treated in place inside the pit and contractor will finish by backfilling the pit constituting final disposal of the drilling waste.

2. GENERAL DESCRIPTION OF THE SOLIDIFICATION/STABILIZATION PROCESS

The S/S process involves the controlled addition of a specially blended Portland-cement-based reagent to the drilled cuttings, OBM and WBM solids and liquids, and makeup water as required followed by through mixing of the reagent with the waste to form homogeneous slurry. Hydrocarbons and chlorides in the waste are broken up into very small droplets or "particles" and these particles are dispersed throughout the reagent/waste mixture during the mixing phase. After the mixing phase, an irreversible chemical reaction occurs between the cementitious reagent and water present in the slurry causing the slurry mixture to rapidly transform into a solid granular material. The previously dispersed and isolated particles are immobilized to a very high degree within the interlocked cementitious lattice of each solidified granule. This waste treatment process prevents the hydrocarbons or chlorides from re-coalescing within the processed waste form and reduces their release to the surrounding environment. Chemical properties imparted by the process also stabilize various metals, if present in the waste, by transforming them into less-soluble forms. This in conjunction with the physical entrapment of metals within each solidified granule greatly reduces their availability to the surrounding environment. In summary S/S rapidly transforms physically unstable waste into a stable solid material and reduces the leaching rate of target constituents to such a degree that they can no longer cause harm to the surrounding environment.

3. ESTIMATED VOLUMES PER WELL

Section	Top	Bottom	Size	Volume, ft3	Swell	Excess	Tot Vol, ft3	Tot Vol, bbl	
Surface		60	500	17.5	735.01	1.3	1.7	1624.38	289.29
Intermediate		500	5370	12.25	3986.27	1.3	1.4	7255.01	1292.08
Intermediate		5370	13193	8.5	3083.02	1.3	1.4	5611.10	999.31
Production		13193	17120	6.125	803.60	1.3	1.3	1358.08	241.87
Additional Volume								1937.03	345.00
Total per Well								17785.60	3167.54

4. PROJECT OBJECTIVES

The S/S objectives are:

- 1 To permanently reduce the leaching rate of target constituents to at or below prescribed limits for confinement in the soil.
 - 1.1 Leachable Oil and Grease will be less than 10 mg/L.

UINTA BASIN CUTTINGS MANAGEMENT PLAN

Solidifying / Stabilizing Cuttings Pits

- 1.2 Leachable Total Dissolved Solids will be less than 5000 mg/L and/or leachable salts will be below acceptable site-specific guidelines.
- 1.3 Compliance with the performance criteria will be certified by a third party accredited testing laboratory utilizing the appropriate tests as prescribed. Laboratory test results will be documented in a closure report submitted to the client and to the required regulatory agencies as may be required after completion of the project.
- 2 To solidify the unconsolidated waste to support backfilling soil cover and resist subsidence.
- 3 Rapid solidification of the waste to reduce pit closure time.
- 4 Minimize waste volume increase to maximize depth of native soil cover over processed material.

5. CONTRACTOR ACTIVITIES

1. Contractor will collect samples of the raw waste and bench test to determine S/S reagent formulation and reagent/waste mix ratios necessary to achieve performance criteria.
2. Contractor will deliver equipment and experienced personnel to the site.
3. Contractor supervisor will conduct a job site safety assessment with crew discussing relevant site safety hazards, required PPE, and accident avoidance. Contractor safety meetings will be held prior to each day's work throughout the project.
4. Contractor and client representative will determine the final actual volume of contents to treat in each pit at the subject site prior to commencing operations.
5. Contractor will construct proper storm drainage protection, if necessary, to surround the pit areas during the project.
6. Contractor will perform preliminary admixing of each pit's contents prior to S/S reagent introduction and prepare the site to facilitate waste processing. Care will be taken to maintain waste containment throughout all processing phases.
7. Contractor will prepare and deliver S/S reagents to the site. Reagents will be added to the pit waste utilizing a special filter-equipped discharge hopper.
8. Contractor will perform the S/S on the waste in-situ in order to chemically solidify the waste and immobilize target constituents of concern within the processed material.
9. After processing all the waste, contractor will collect a composite sample of the processed pit material and submit the sample to a certified third party laboratory for analysis to verify the processed material complies with criteria indicated in the Project Objectives, Section 4.
10. Contractor will place a minimum of three feet (3') of native spoil over the S/S material in the pit in order to backfill to the adjacent grade constituting final disposal of the processed material. Spoil for backfilling will be taken from existing excavated spoils at the site.
11. Contractor will then promptly demobilize equipment and personnel concluding site operations.

QUESTAR EXPLR. & PROD.

WV #12D-16-8-21

LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T8S, R21E, S.L.B.&M.

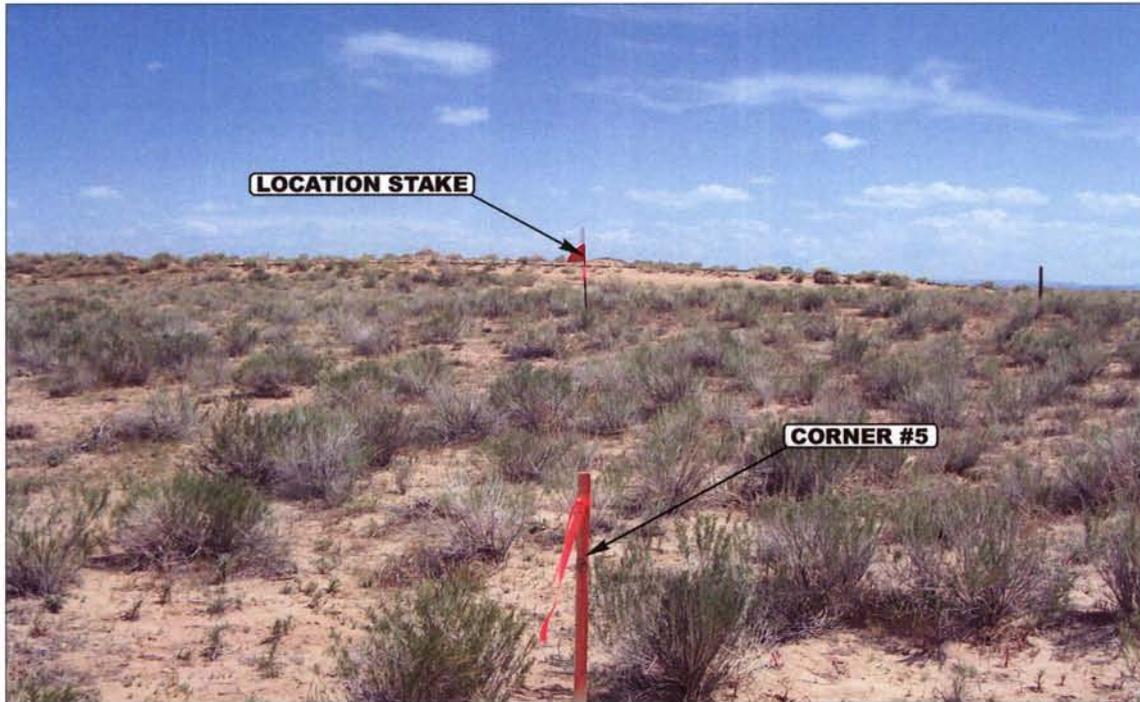


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	01	09	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: J.W.	DRAWN BY: C.P.		REVISED: 05-27-08 D.P.	

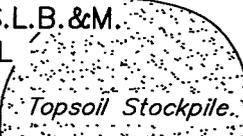
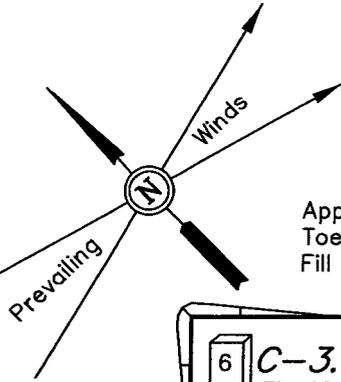
QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

WV #12D-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL

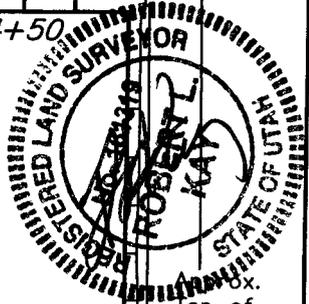
FIGURE #1

Proposed Access Road



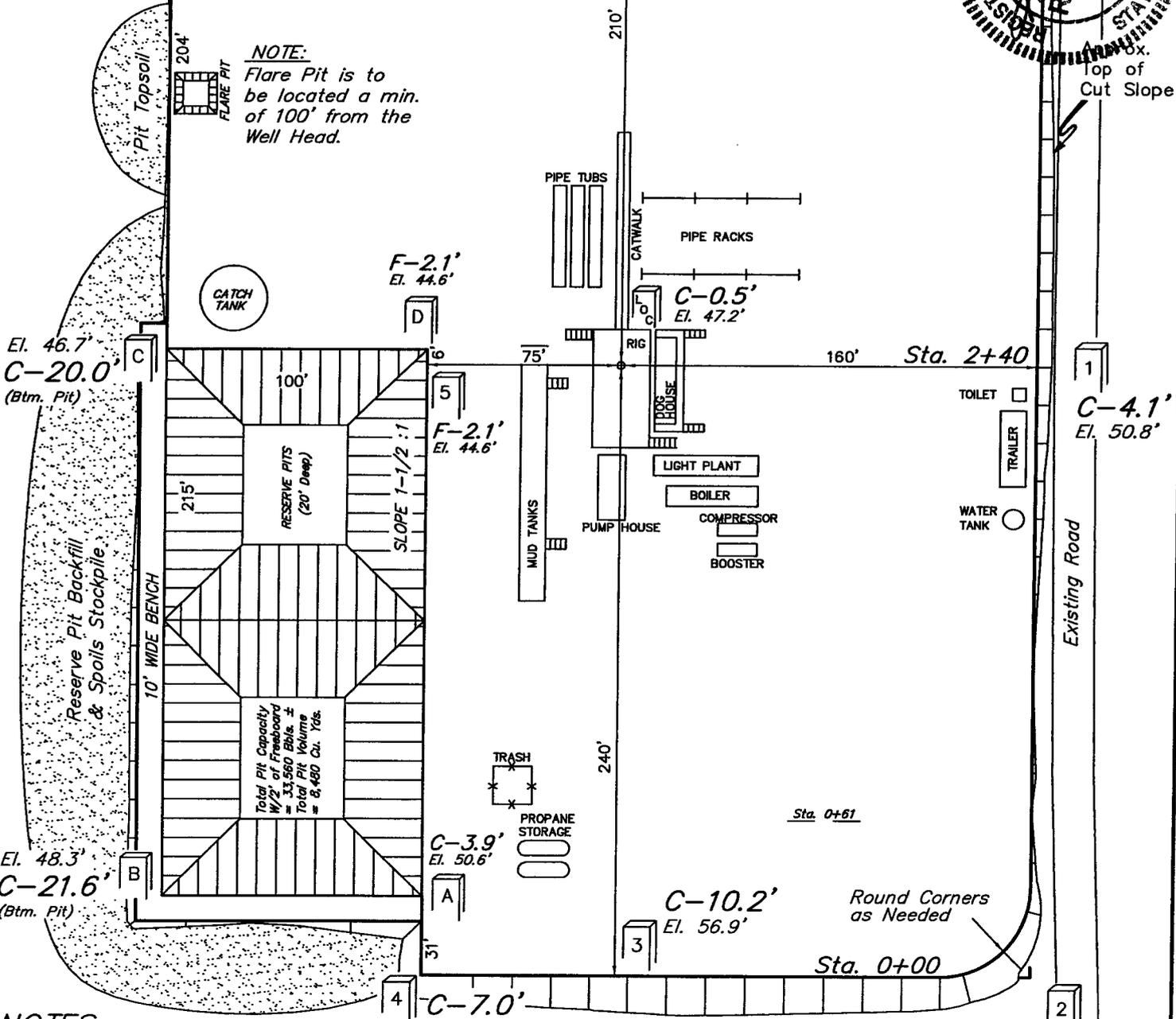
C-2.9'
El. 49.6'

Sta. 4+50



SCALE: 1" = 60'
DATE: 01-19-06
DRAWN BY: P.M.
REVISED 05-23-08 D.P.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



Total Pit Capacity
W/2" of Freeboard
= 33,560 Bbls. ±
Total Pit Volume
= 8,480 Cu. Yds.

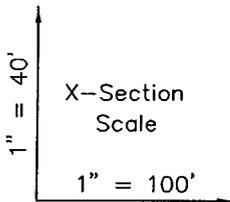
NOTES:
Elev. Ungraded Ground At Loc. Stake = 4747.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 4746.7'

QUESTAR EXPLR. & PROD.

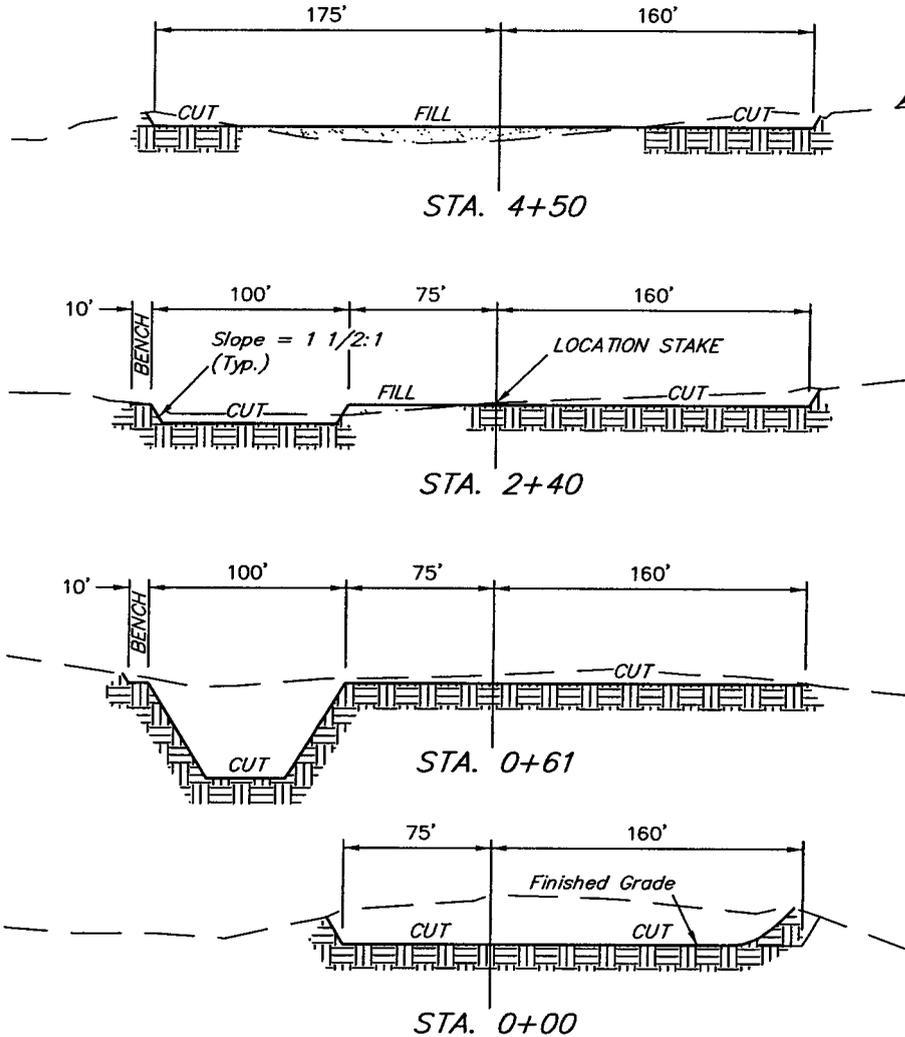
TYPICAL CROSS SECTIONS FOR

WV #12D-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL

FIGURE #2



DATE: 01-19-06
DRAWN BY: P.M.
REVISED 05-23-08 D.P.



APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.419 ACRES
ACCESS ROAD DISTURBANCE = ± 0.042 ACRES
PIPELINE DISTURBANCE = ± 1.188 ACRES
TOTAL = ± 5.649 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 5,980 Cu. Yds.
Remaining Location = 11,920 Cu. Yds.

TOTAL CUT = 17,900 CU. YDS.
FILL = 5,950 CU. YDS.

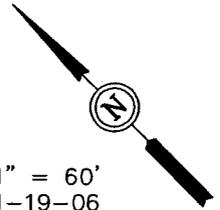
EXCESS MATERIAL = 11,950 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 10,220 Cu. Yds.
EXCESS UNBALANCE = 1,730 Cu. Yds. (After Interim Rehabilitation)

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QUESTAR EXPLR. & PROD.
INTERIM RECLAMATION PLAN FOR

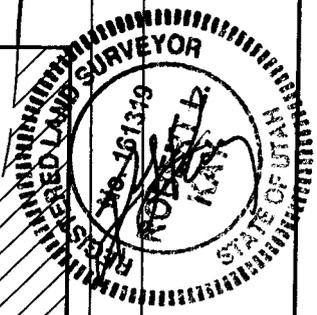
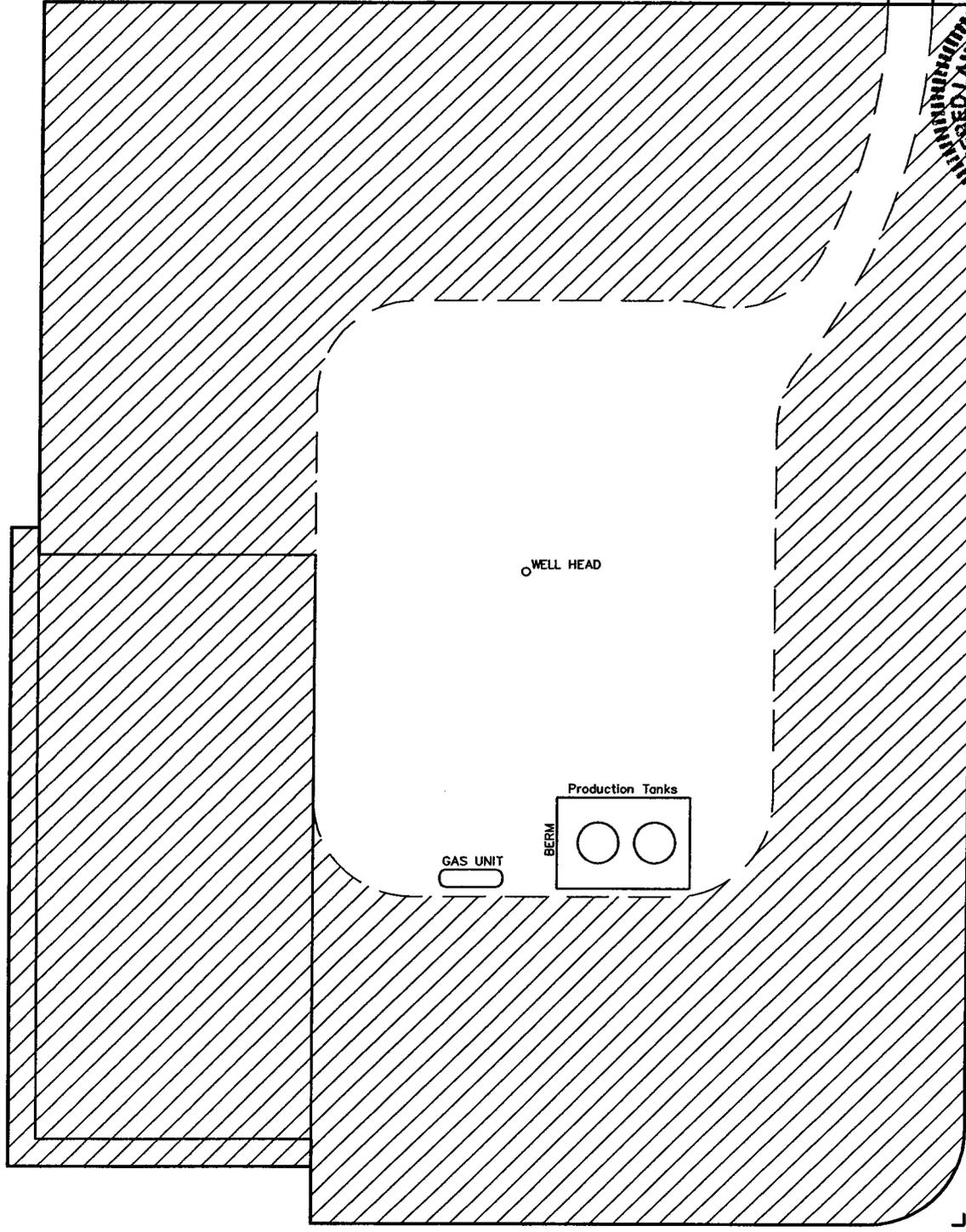
FIGURE #3

WV #12D-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL



SCALE: 1" = 60'
DATE: 01-19-06
DRAWN BY: P.M.
REVISED 05-23-08 D.P.

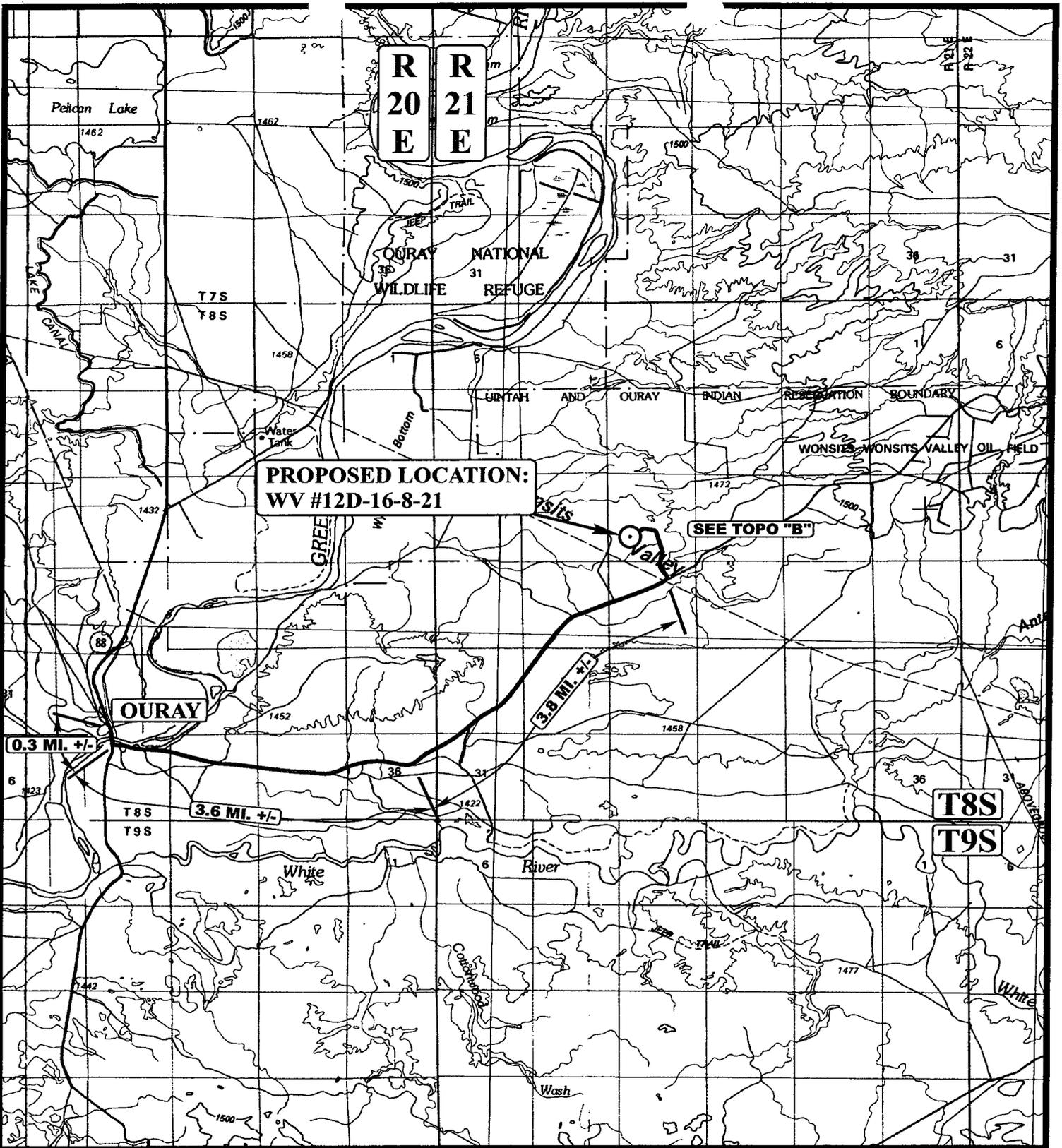
Access Road



Existing Road

 INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



**PROPOSED LOCATION:
WV #12D-16-8-21**

SEE TOPO "B"

LEGEND:

○ PROPOSED LOCATION

QUESTAR EXPLR. & PROD.

WV #12D-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL



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**TOPOGRAPHIC
MAP**

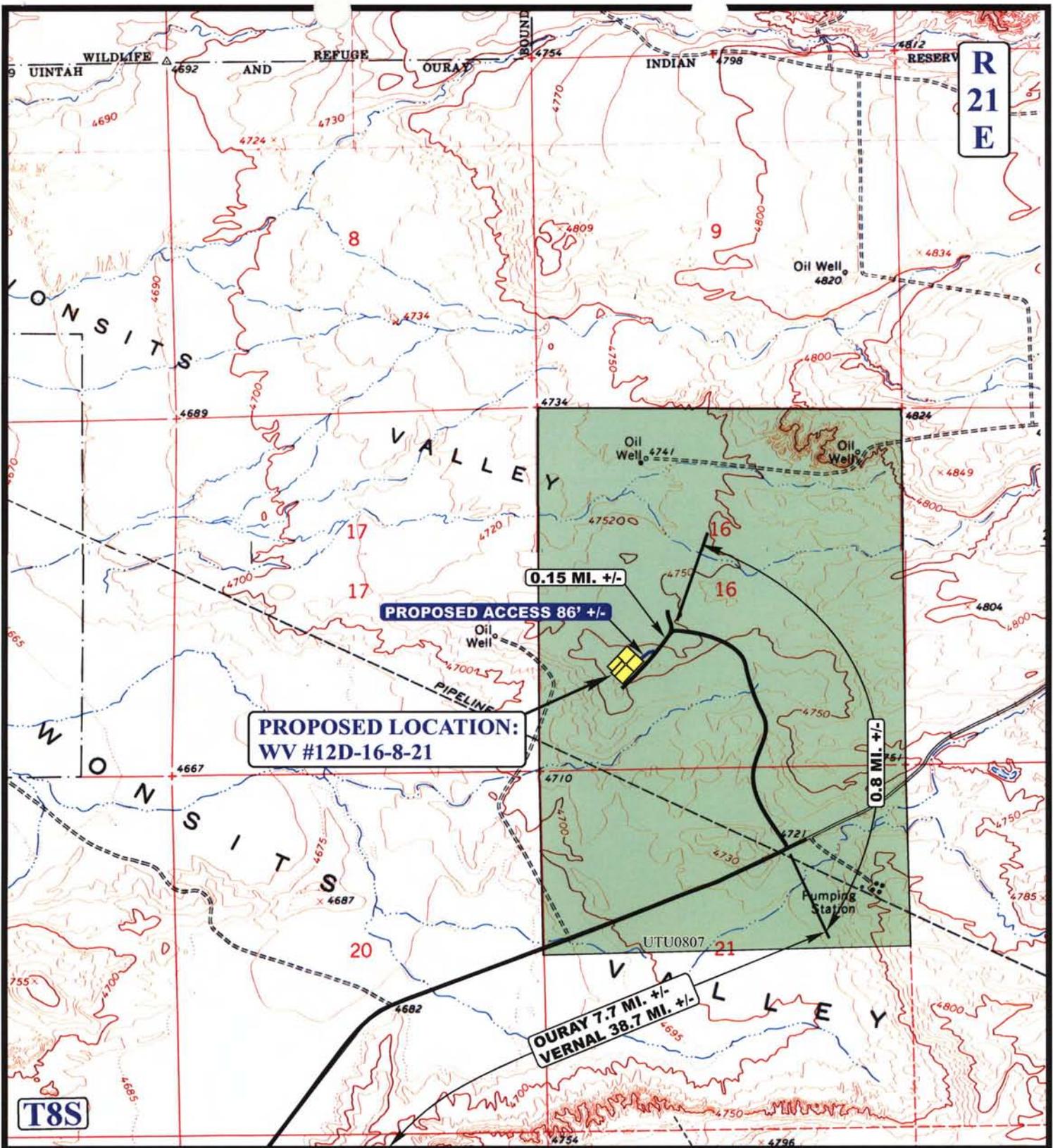
01 | 09 | 06
MONTH | DAY | YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 05-27-08 D.P.





**R
21
E**

**PROPOSED LOCATION:
WV #12D-16-8-21**

PROPOSED ACCESS 86' +/-

0.15 MI. +/-

0.8 MI. +/-

**OURAY 7.7 MI. +/-
VERNAL 38.7 MI. +/-**

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

QUESTAR EXPLR. & PROD.

**WV #12D-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL**



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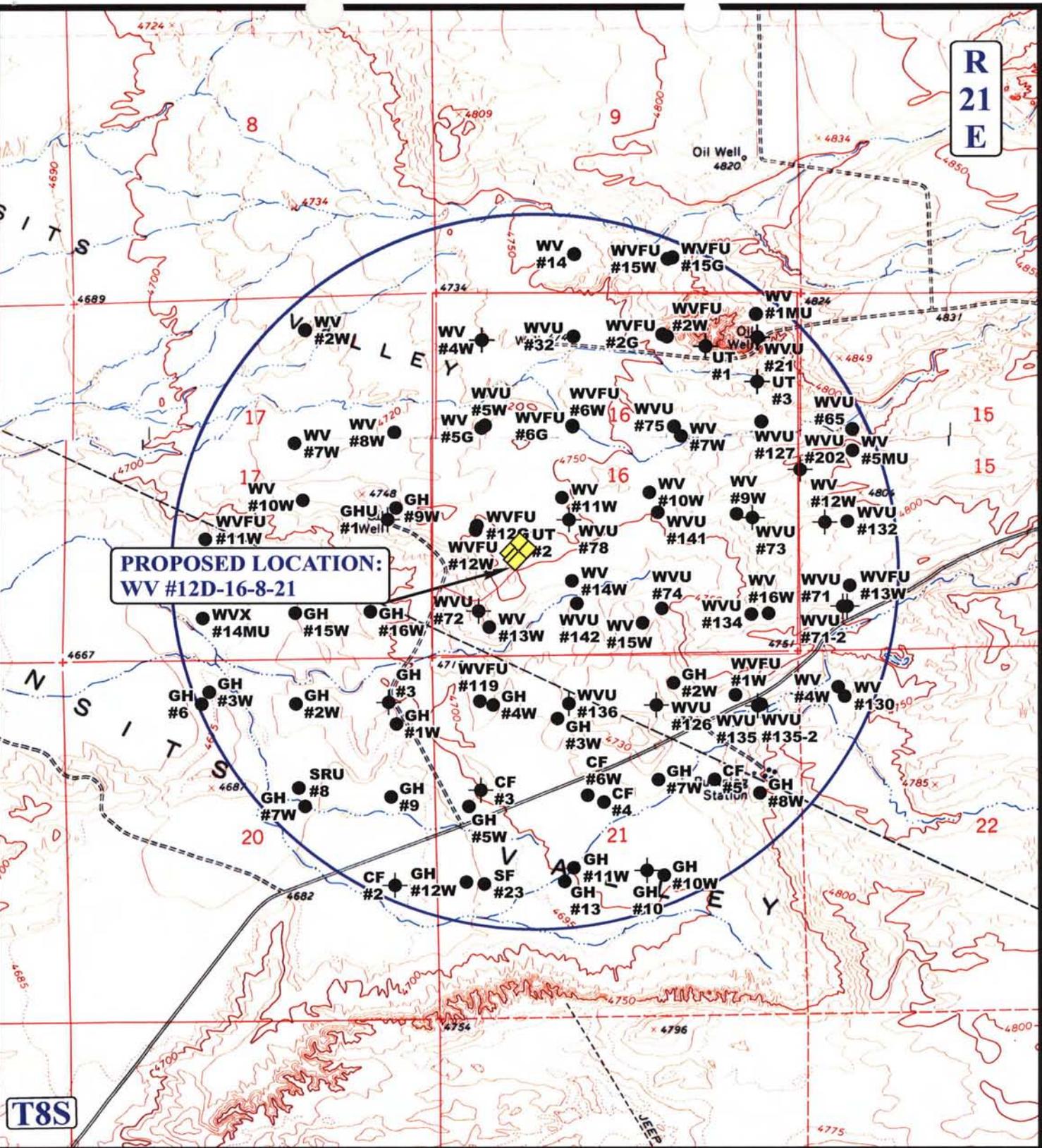


TOPOGRAPHIC MAP **01 09 06**
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 05-27-08 D.P.



R
21
E

**PROPOSED LOCATION:
WV #12D-16-8-21**



LEGEND:

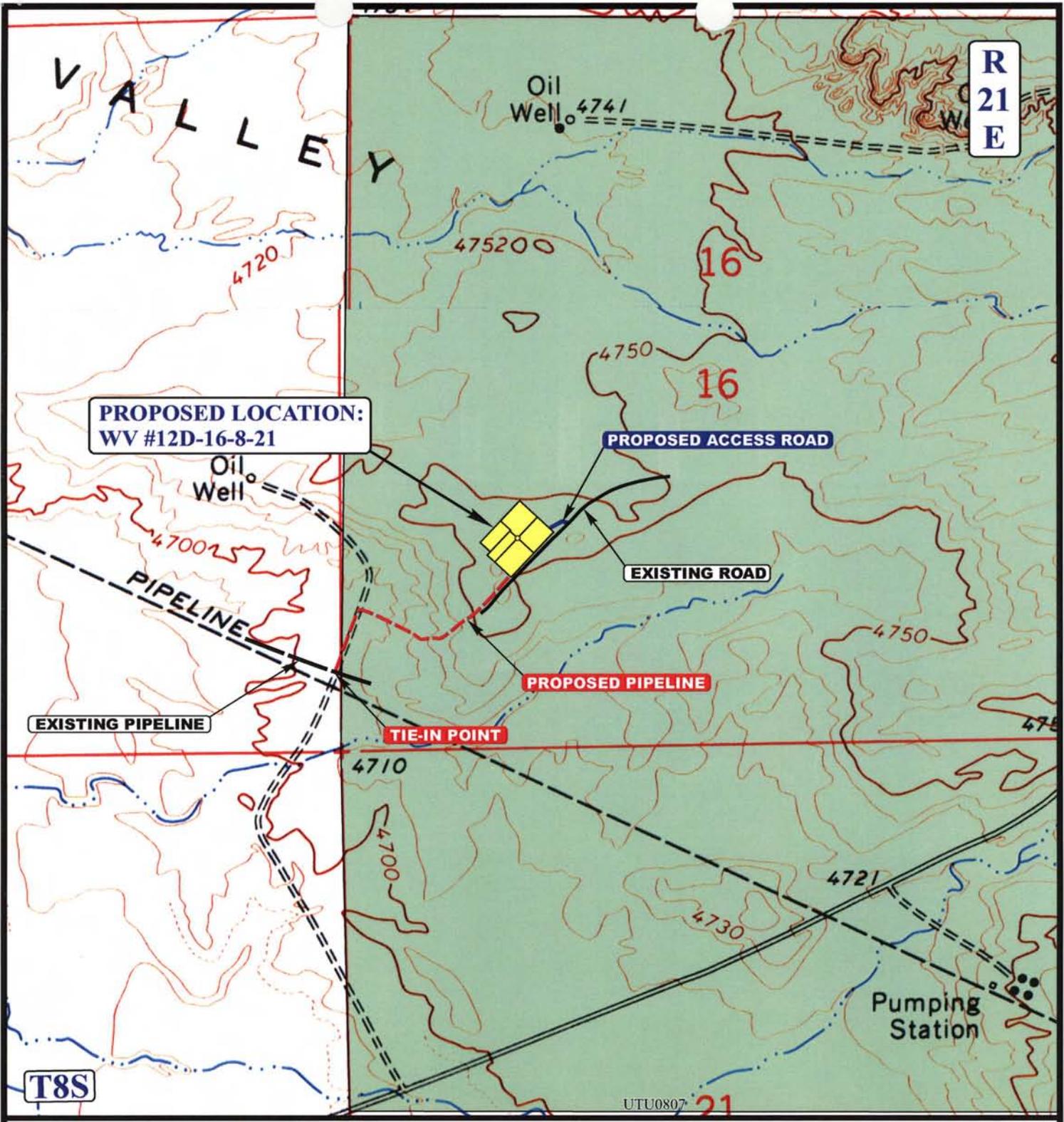
- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- ⊖ SHUT IN WELLS
- ⊕ WATER WELLS
- ⊖ ABANDONED WELLS
- ⊖ TEMPORARILY ABANDONED

QUESTAR EXPLR. & PROD.

WV #12D-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL

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TOPOGRAPHIC MAP 01 09 06
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 05-27-08 D.P. **C TOPO**



**PROPOSED LOCATION:
WV #12D-16-8-21**

PROPOSED ACCESS ROAD

EXISTING ROAD

PROPOSED PIPELINE

EXISTING PIPELINE

TIE-IN POINT

Pumping Station

APPROXIMATE TOTAL PIPELINE DISTANCE = 1726' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

QUESTAR EXPLR. & PROD.

WV #12D-16-8-21
SECTION 16, T8S, R21E, S.L.B.&M.
1522' FSL 1257' FWL

UELS Uintah Engineering & Land Surveying
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TOPOGRAPHIC MAP 01 09 06
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 05-27-08 D.P. **D TOPO**

Helen Sadik-Macdonald - WV 12D-16-8-21 7" Casing Design

From: "Jim Davidson"
To:
Date: 07/31/2008 1:41 PM
Subject: WV 12D-16-8-21 7" Casing Design
CC: "Jan Nelson" , "Jon Gent"
Attachments: "Jan Nelson" , "Jon Gent"

Helen,

Attached is the 7" intermediate casing for the WV 12D-16-8-21 per your request. Input parameters are as follows:

Collapse Design – I put 13.5 ppg mud on the backside and evacuated the 7" casing. If you look at the graphics we have a safety factor of 1.0 at the casing shoe of 13,200'. Please note that this is a severe test. I don't believe I have had a mud weight that exceeded 12.5 ppg at this point in the well based on our experience drilling deep in the Uinta Basin.

Burst Design – I put a water gradient on the backside of the 7" casing and 13.5 ppg mud on the interior of the pipe. In addition I put 2900 psi surface pressure on the interior of the 7" casing to duplicate adding 0.22 psi/ft gradient per the BLM Onshore order #2 for testing casing. The stresses are more than satisfied by the 7" 26#/ft and 29 #/ft HCP-110. Remember the 7" is not a stimulation string and will not see high surface pressures.

Axial Design – 100,000 lbs overpull was added at the surface of the 7" casing.

Let me know if you have questions regarding the permit of the WV 12D-16-8-21 well.

Jim Davidson

Questar E&P

1050 17th Street, Suite 500

Denver, CO 80265

Chief Drilling Engineer

1-303-308-3090 Office

1-303-919-0390 Cell

jim.davidson@questar.com

GENERAL DATA

Description: Typical 7" Intermediate Casing
 Well Options, Deviated: No
 Well Options, Offshore: No
 Well TD (MD): 13200.0 ft
 Reference Point: MGL
 Air Gap: 0.0 ft
 Origin N: 0.0 ft
 Origin E: 0.0 ft
 Azimuth: 0.00 °

OFFSHORE DATA

Invalid General Data

CASING AND TUBING SCHEME

	OD (in)	Name	Type	Hole Size (in)	Measured Depths (ft)			Mud at Shoe (ppg)
					Hanger	Shoe	TOC	
1	7"	Intermediate	Casing	8.500	0.0	13200.0	0.0	13.50

PRODUCTION DATA

Packer Fluid Density: 8.60 ppg
 Packer Depth, MD: 13200.0 ft
 Perforation Depth, MD: 13200.0 ft
 Gas Gravity: 0.70

WELLPATH EDITOR

	Data-Entry Mode	MD (ft)	INC (")	AZ (")	TVD (ft)	DLS (*/100ft)	Max DLS (*/100ft)	Vsection (ft)	Departure (ft)
1	MD-INC-AZ	0.0	0.00	0.00	0.0				
2	MD-INC-AZ	13200.0	0.00	0.00	13200.0				

DOGLEG SEVERITY OVERRIDES

	Top, MD (ft)	Base, MD (ft)	DLS (*/100ft)

PORE PRESSURE

	Vertical Depth (ft)	Pore Pressure/EMW		Permeable Zones
		(psi)	(ppg)	
1	0.0	0.0	0.00	No
2	9000.0	3899.2	8.34	No
3	12500.0	8766.2	13.50	No
4	13200.0	9257.1	13.50	No

FRACTURE GRADIENT

	Vertical Depth (ft)	Fracture Pressure/EMW			
		(psi)	(ppg)	(psi)	(ppg)
1	0.0		0.0		9.00
2	9000.0		5610.4		12.00
3	13200.0		10285.7		15.00

SQUEEZING SALT/SHALE

Zone Top TVD (ft)	Base TVD (ft)	Overburden Pressure at Top		Overburden Pressure at Base	
		(psi)	(ppg)	(psi)	(ppg)

GEOHERMAL GRADIENT DATA

Surface Ambient:	80.0 °F
Bottomhole Temperature - 13200.0 ft TVD:	
Bottomhole Gradient - 13200.0 ft TVD:	1.50 °F/100ft

DESIGN PARAMETERS DATA (7" Intermediate Casing)

Design Factor (Pipe) - Axial Tension:	1.300
Design Factor (Pipe) - Axial Compression:	1.300
Design Factor (Coupling) - Axial Tension:	1.300
Design Factor (Coupling) - Axial Compression:	1.300
Design Factor (Pipe) - Burst:	1.100
Design Factor (Coupling) - Burst:	1.100
Design Factor (Pipe) - Collapse:	1.000
Design Factor (Pipe) - Triaxial:	1.250
Minimum Internal Drift Diameter:	6.125 in
Single External Pressure Profile:	Yes
Temperature Deration:	No
Limit to Fracture at Shoe:	Yes
Buckling:	No
Use Burst Wall Thickness in Triaxial:	No

INITIAL CONDITIONS (7" Intermediate Casing)

Mix-Water Density:	8.33 ppg
Lead Slurry Density:	15.80 ppg
Displacement Fluid Density:	13.50 ppg
Slackoff Force:	0 lbf
Temperatures:	Default
Vertical Depth (ft)	Temperature (°F)
0.0 ft	80.0 °F
13200.0 ft	278.0 °F

MINIMUM COST DATA (7" Intermediate Casing)

Maximum Number of Sections:	2
Minimum Section Length:	1000.0 ft
Minimum Drift Diameter:	6.125 in
Cost of K-55 Steel:	700 \$/ton
Burst Design Mode:	Yes
Collapse Design Mode:	Yes
Tension Design Mode:	Yes
Compression Design Mode:	Yes
Triaxial Design Mode:	No

BURST LOADS DATA (7" Intermediate Casing)

Custom Load:	Burst Loads
--------------	-------------

COLLAPSE LOADS DATA (7" Intermediate Casing)

Drilling Load:	Cementing
Mud Weight at Shoe:	13.50 ppg
TOC, MD:	0.0 ft
Lead Slurry Density:	15.80 ppg
Displacement Fluid Density:	13.50 ppg
Float Collar Depth, MD:	13200.0 ft
Assigned External Pressure:	Fluid Gradients (w/ Pore Pressure)
Custom Load:	Collapse Loads

AXIAL LOADS DATA (7" Intermediate Casing)

Overpull Force:	100000 lbf
Service Loads:	No

CUSTOM LOADS (7" Intermediate Casing) - Burst Loads

	Measured Depth (ft)	Pressures (psi)	
		Internal	External
1	0.0	2900.0	0.0
2	13200.0	12166.0	5724.0

CUSTOM LOADS (7" Intermediate Casing) - Collapse Loads

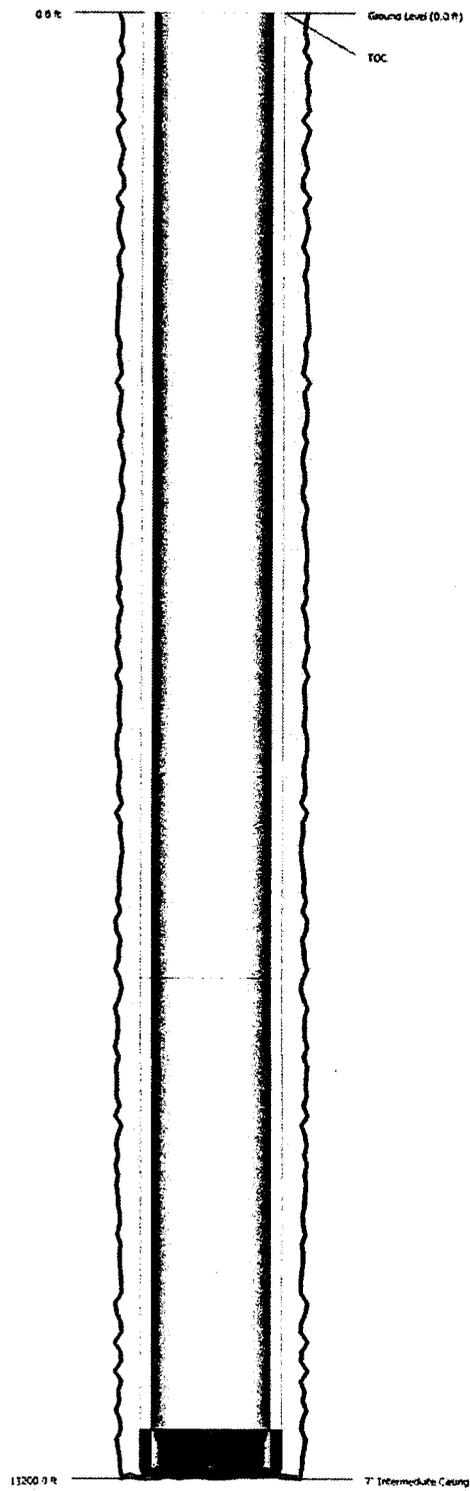
	Measured Depth (ft)	Pressures (psi)	
		Internal	External
1	0.0	0.0	0.0
2	13200.0	0.0	9200.0

STRING SECTIONS (7" Intermediate Casing)

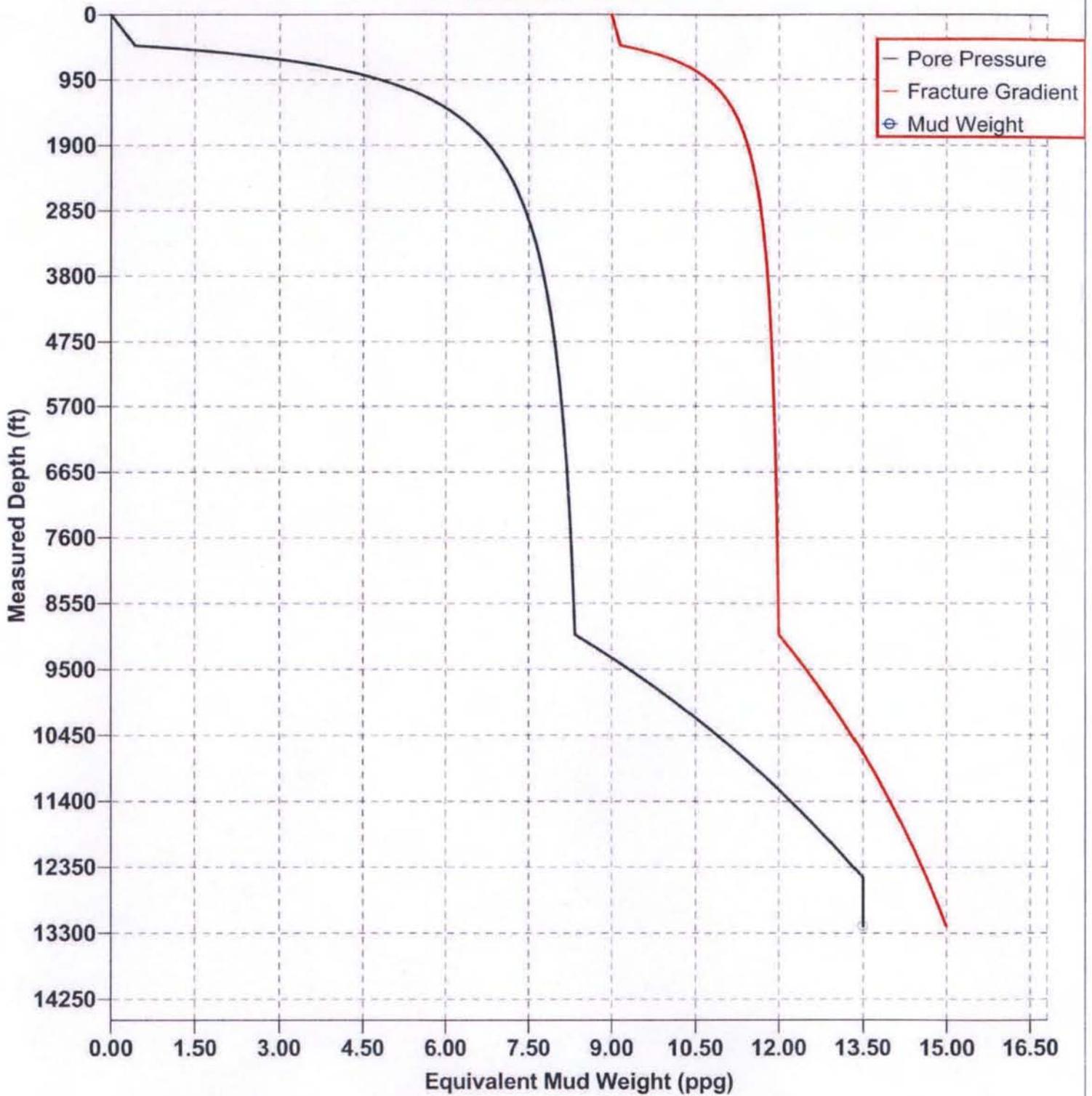
	Top, MD (ft)	Base, MD (ft)	OD (in)	Weight (ppf)	Grade	Cost (\$)
1	0.0	9000.0	7"	26.000	HCP-110	169,495
2	9000.0	13200.0	7"	29.000	HCP-110	86,903

CONNECTIONS (7" Intermediate Casing)

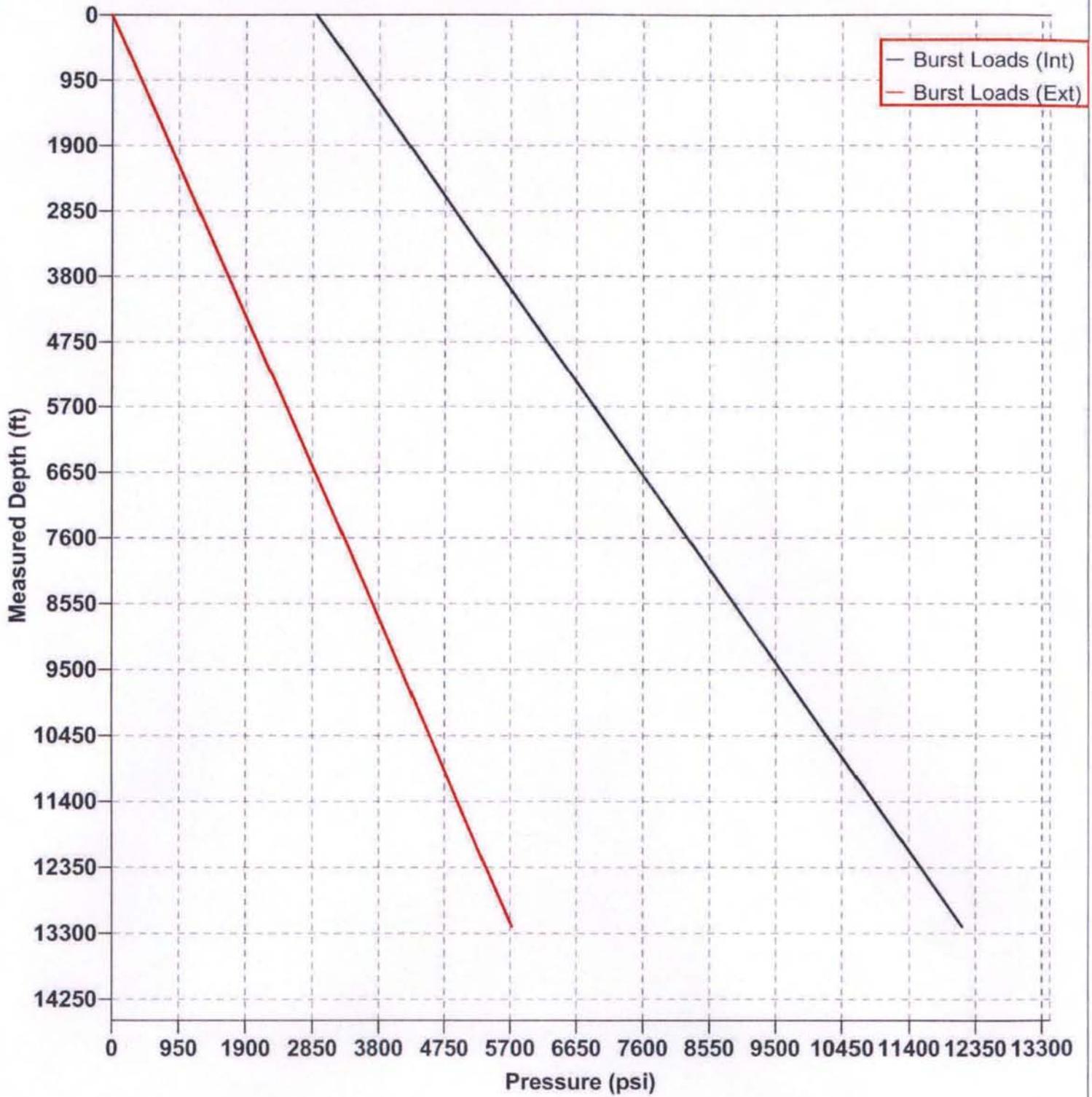
	Pipe Section	Connection			Conn Safety Factor (Abs)		Pipe + Conn (\$/ft)	Cost (\$)
		Type	Grade	OD (in)	Burst	Axial		
1	7", 26.000 ppf, HCP-110	LTC	HCP-110	7.656	1.79	1.81	18.83	169,495
2	7", 29.000 ppf, HCP-110	LTC	HCP-110	7.656	1.48	4.05	20.69	86,903



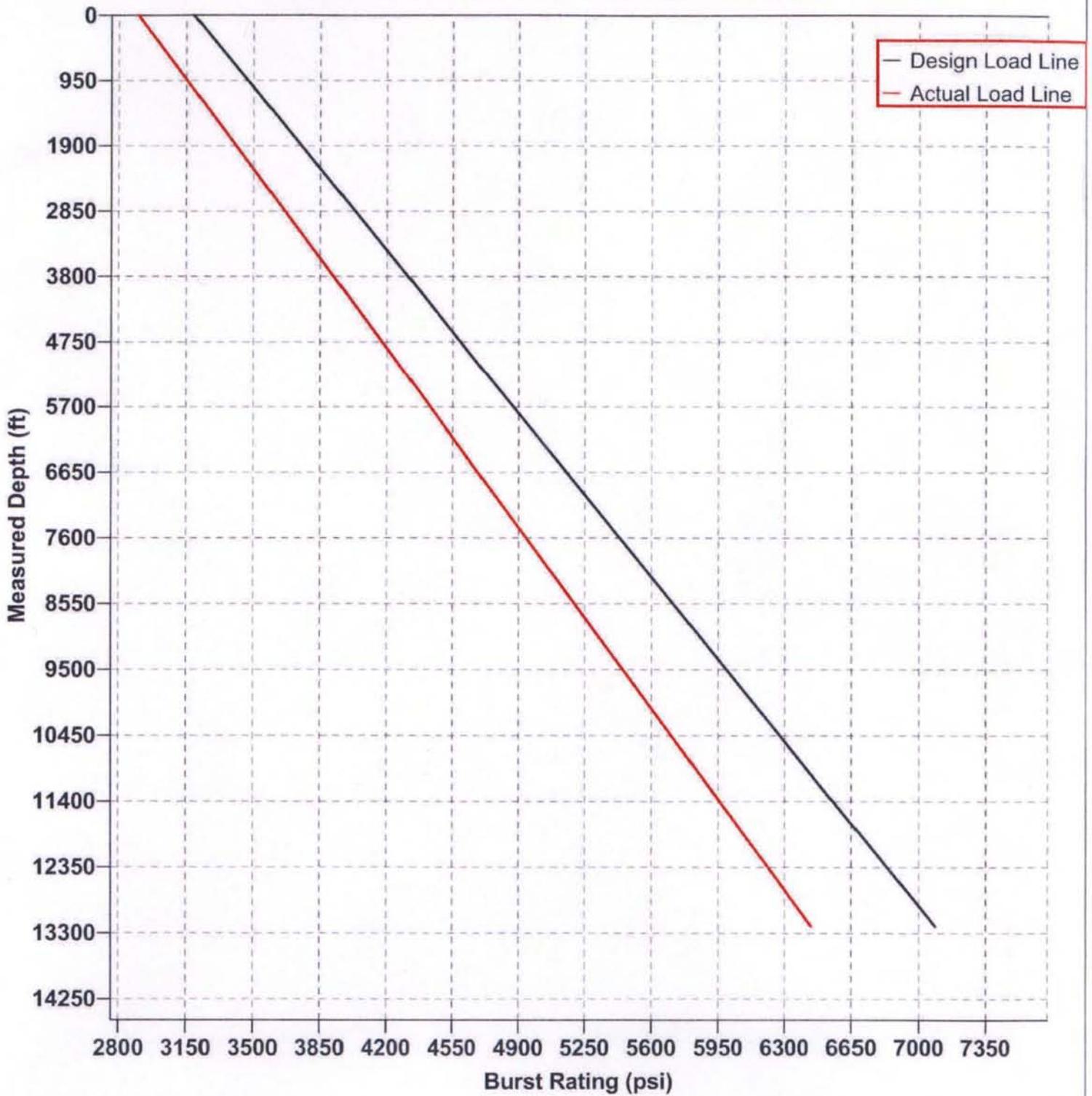
Pore, Fracture & MW



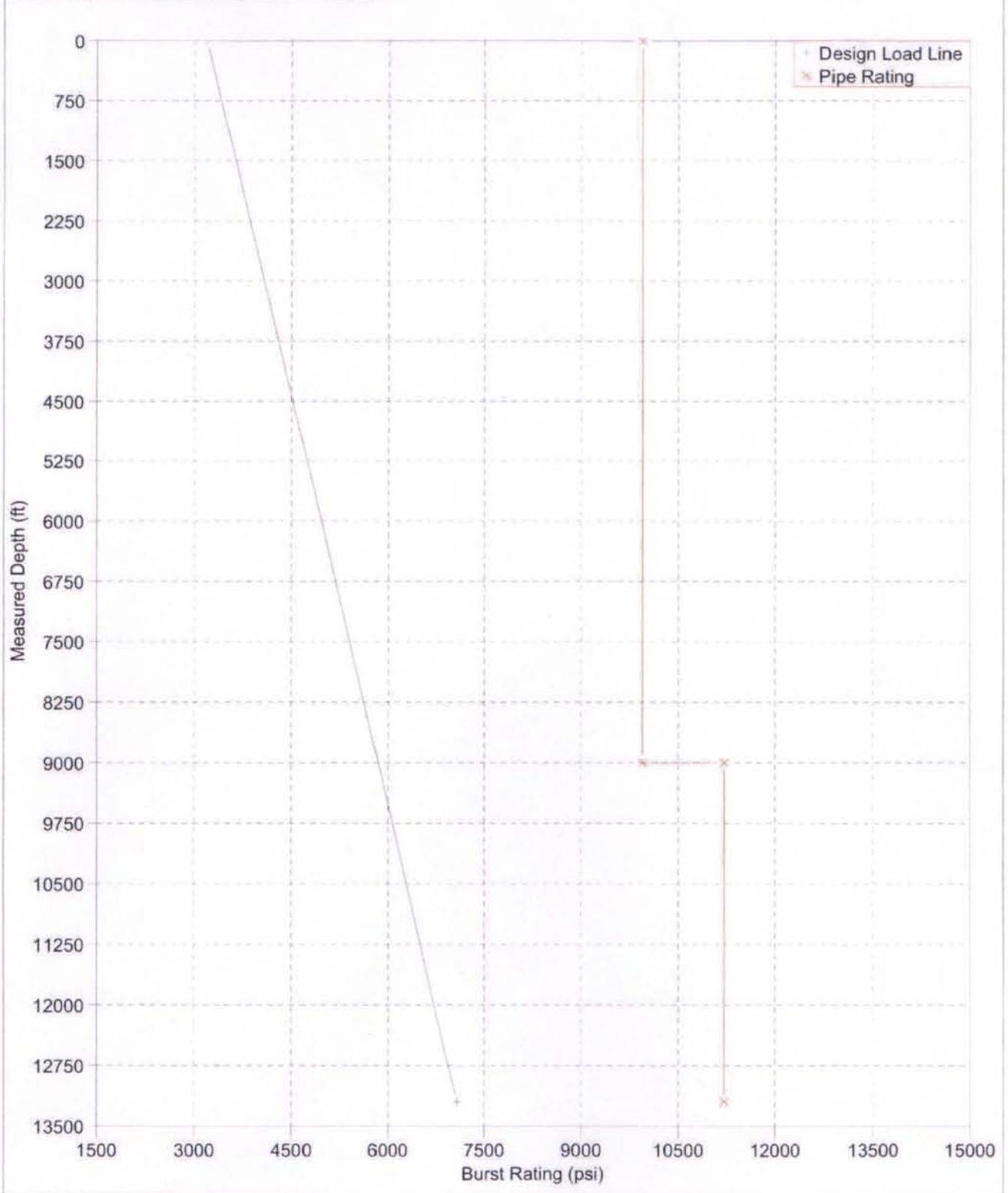
Burst Pressure Profiles (7" Intermediate Casing)



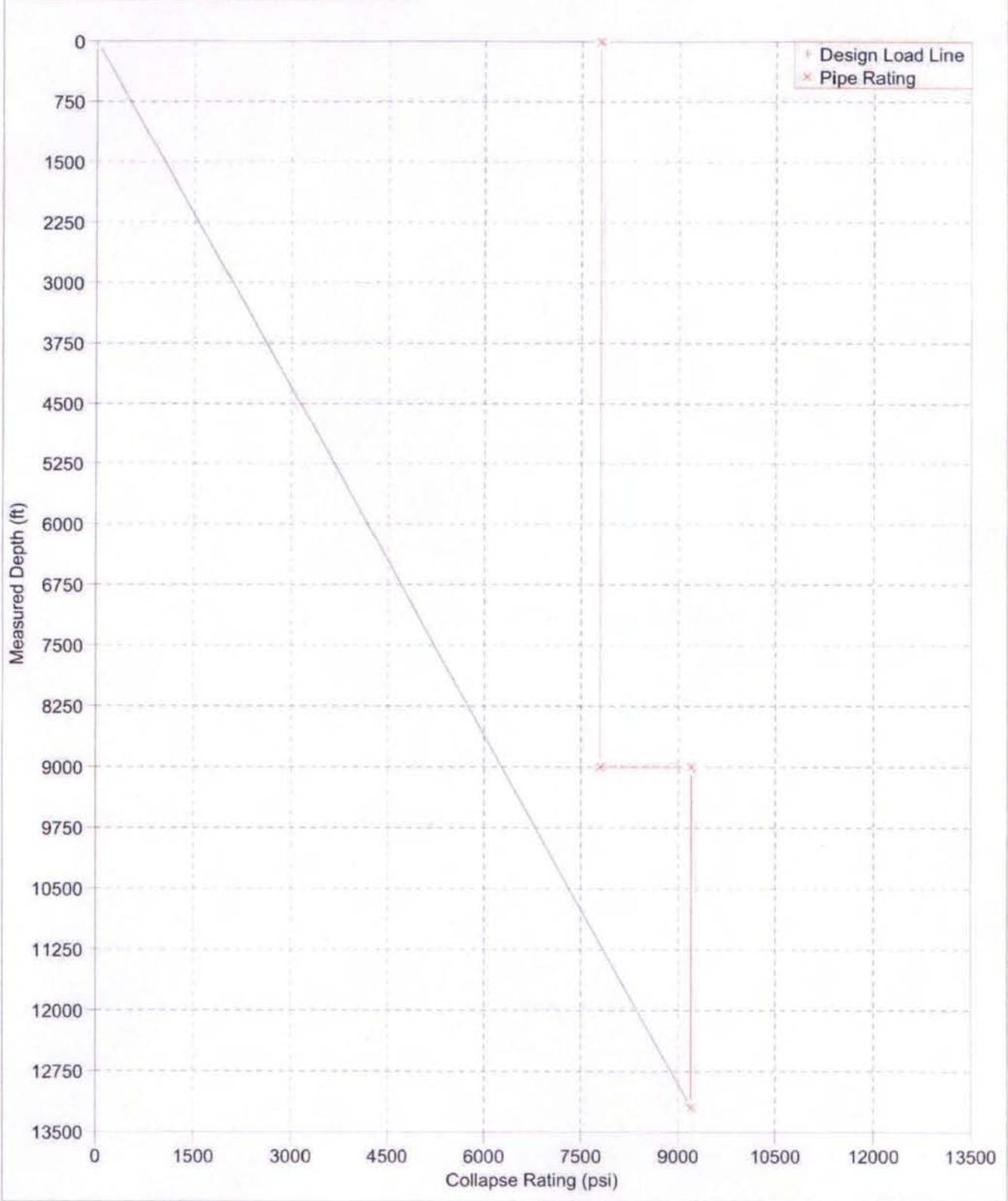
Burst Load Line (7" Intermediate Casing)



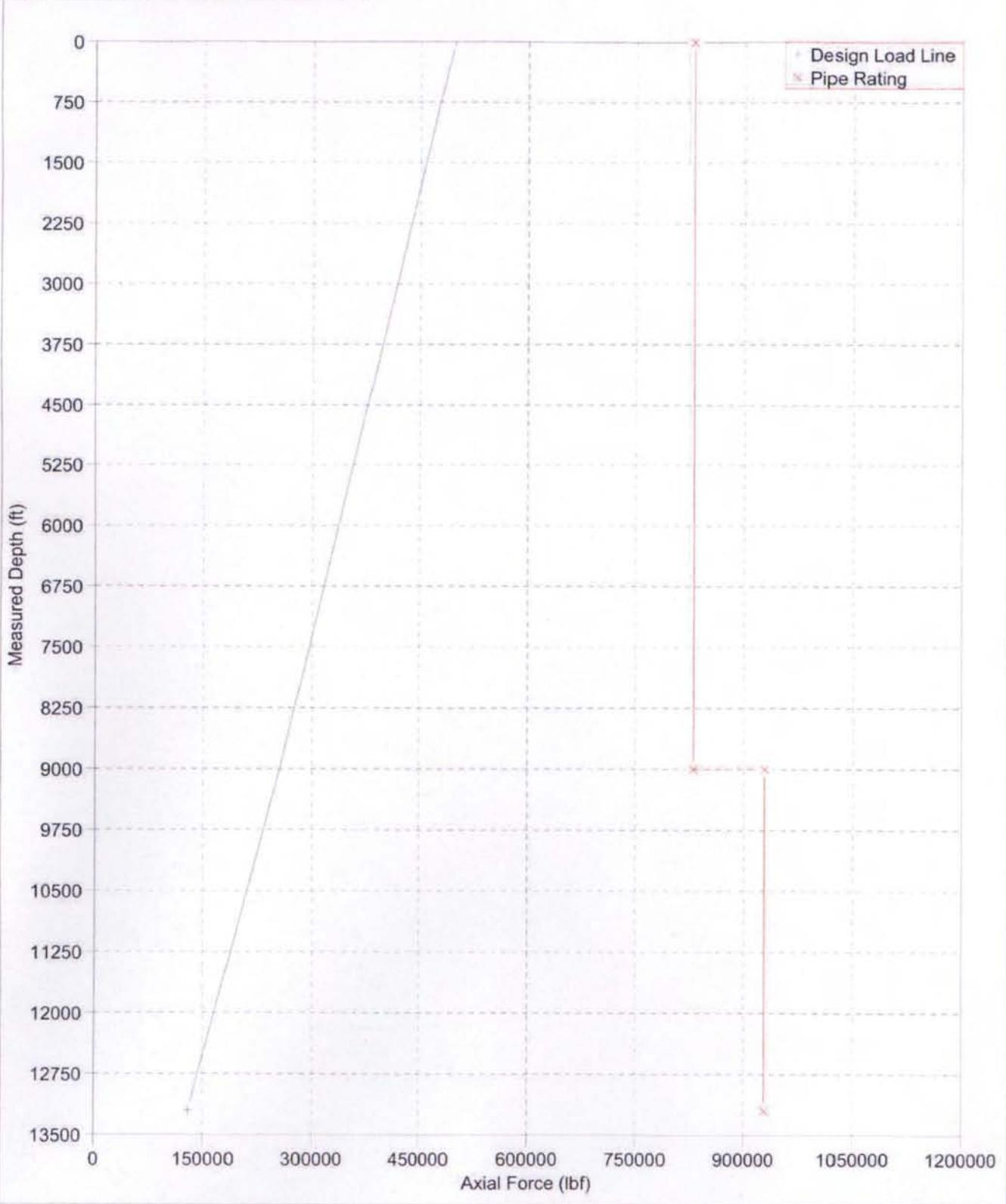
BURST DESIGN (7" Intermediate Casing)

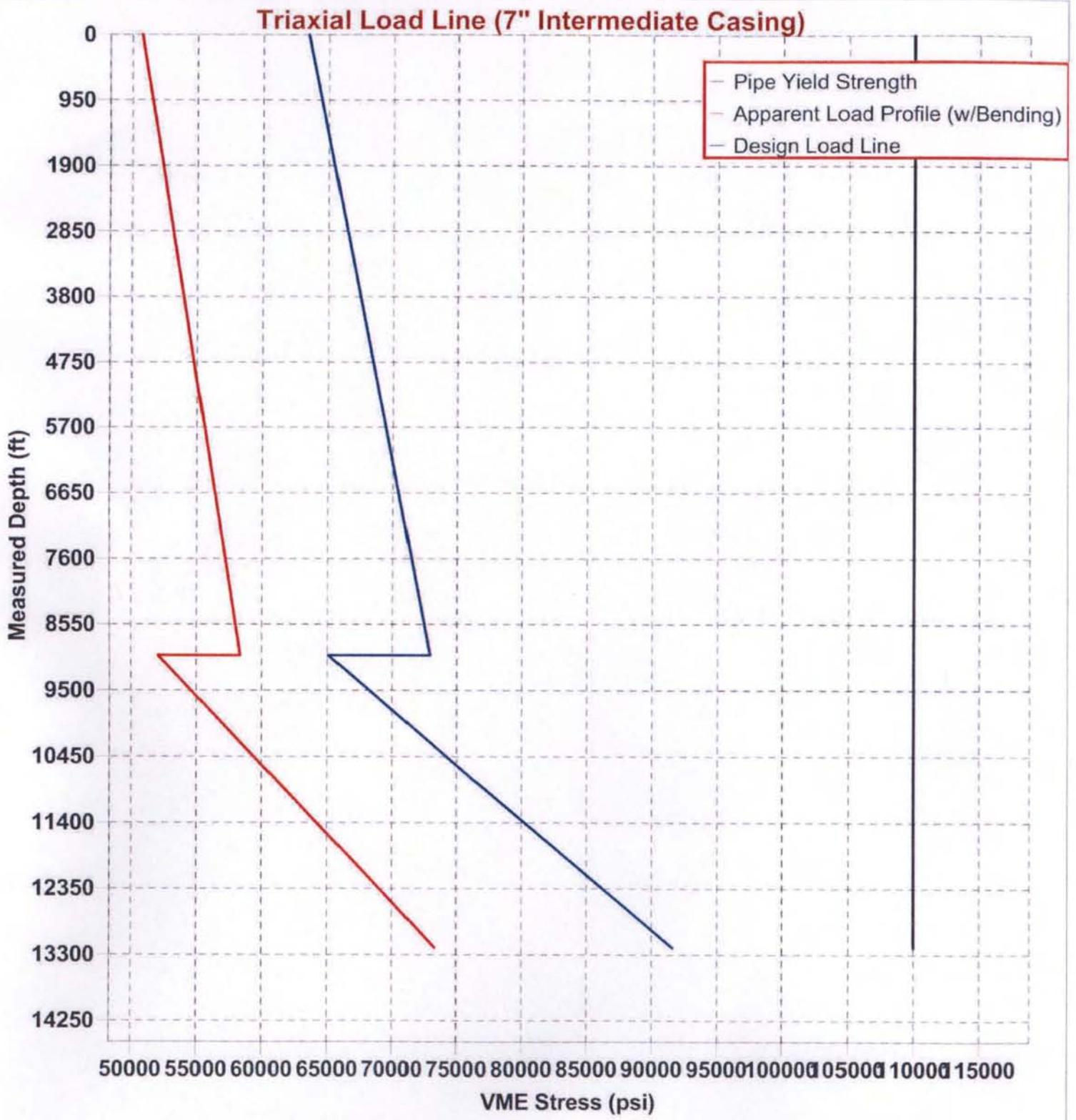


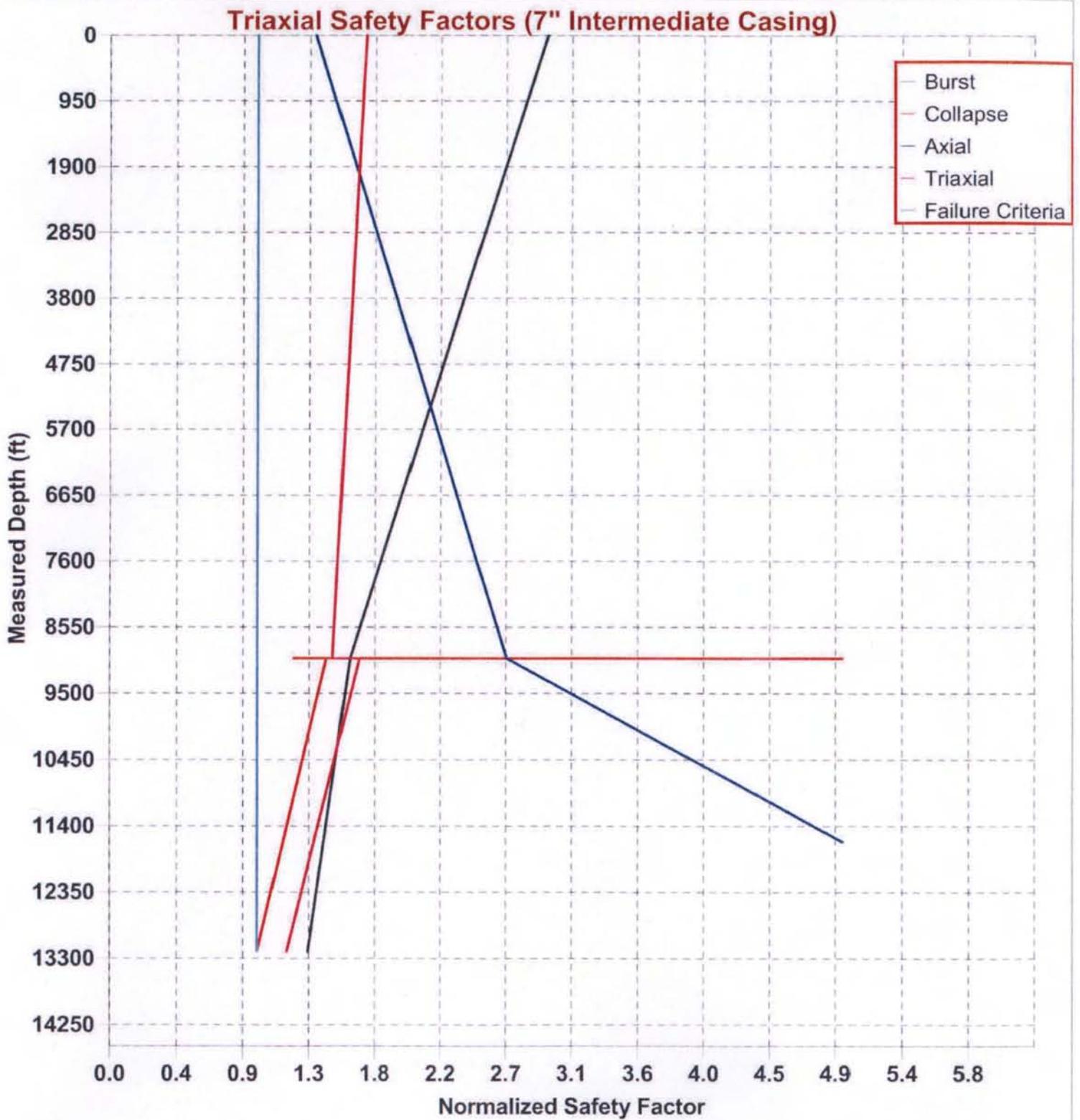
COLLAPSE DESIGN (7" Intermediate Casing)



AXIAL DESIGN (7" Intermediate Casing)







BOPE REVIEW

Questar WV 12D-16-8-21 API 43-047-37870

Well Name	Questar WV 12D-16-8-21 API 43-047-37870			
	String 1	String 2	String 3	String 4
Casing Size (")	13 3/8	9 5/8	7	4 1/2
Setting Depth (TVD)	500	5370	13193	17120
Previous Shoe Setting Depth (TVD)	40	500	5370	13193
Max Mud Weight (ppg)	8.3	9.2	13.5	15.1
BOPE Proposed (psi)	500	5000	10000	10000
Casing Internal Yield (psi)	2730	9440	11220	18230
Operators Max Anticipated Pressure (psi)	13000			14.6 ppg

Calculations	String 1	13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	216	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	156	YES ✓ 5" x 20" rotating head on structural pipe
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	106	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	115	← NO <i>OK</i>
Required Casing/BOPE Test Pressure		500 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi	*Assumes 1psi/ft frac gradient

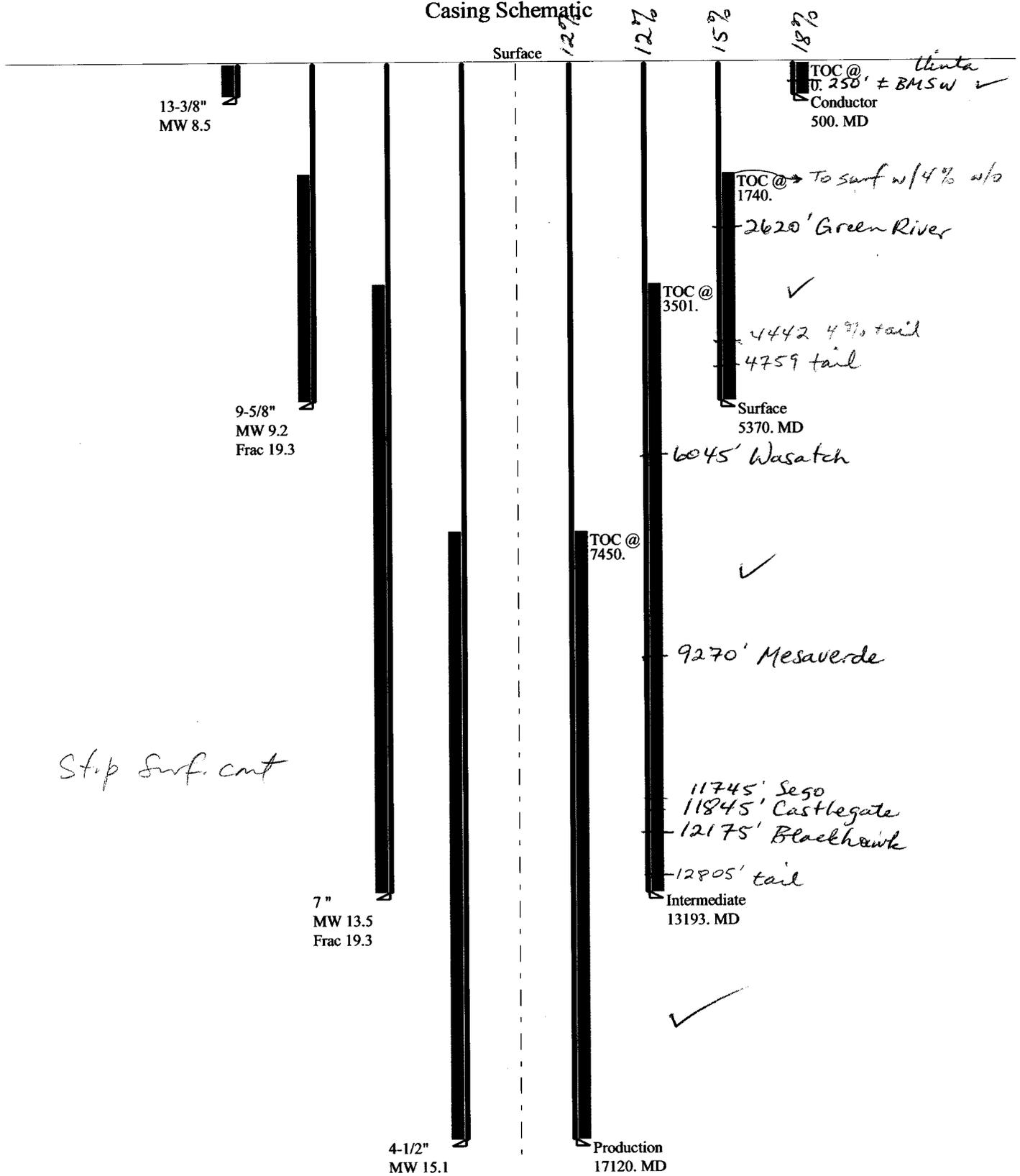
Calculations	String 2	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	2569	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1925	YES ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1388	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	1498	← NO <i>OK</i>
Required Casing/BOPE Test Pressure		5370 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		500 psi	*Assumes 1psi/ft frac gradient

Calculations	String 3	7 "	
Max BHP [psi]	.052*Setting Depth*MW =	9261	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	7678	YES ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	6359	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	7540	← NO <i>Review</i>
Required Casing/BOPE Test Pressure		7854 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		5370 psi	*Assumes 1psi/ft frac gradient

Calculations	String 4	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	13443	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	11388	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	9676	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	12579	← YES ✓
Required Casing/BOPE Test Pressure		10000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		11220 psi	*Assumes 1psi/ft frac gradient

2008-07 QEP WV 12D-16-8-21(rev03-06 12DML)

Casing Schematic



Well name:	2008-07 QEP WV 12D-16-8-21(rev03-06 12DML)		
Operator:	Questar Exploration and Production		
String type:	Conductor	Project ID:	43-047-37870
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 8.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 72 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 250 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 161 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 221 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 437 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	13.375	54.50	K-55	ST&C	500	500	12.49	433.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	221	1130	5.119	221	2730	12.37	24	547	22.96 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5280
 FAX: 810-359-3940

Date: July 30, 2008
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	2008-07 QEP WV 12D-16-8-21(rev03-06 12DML)	
Operator:	Questar Exploration and Production	
String type:	Surface	Project ID: 43-047-37870
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 4,189 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,370 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 4,629 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 140 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: 1,740 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 13,193 ft
Next mud weight: 13.500 ppg
Next setting BHP: 9,252 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 5,370 ft
Injection pressure: 5,370 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5370	9.625	47.00	HCP-110	LT&C	5370	5370	8.625	2207.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2566	7100	2.766	5370	9440	1.76	218	1213	5.58 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5280
FAX: 810-359-3940

Date: July 30, 2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 5370 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2008-07 QEP WV 12D-16-8-21(rev03-06 12DML)	
Operator:	Questar Exploration and Production	
String type:	Intermediate	Project ID: 43-047-37870
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 13.500 ppg
Internal fluid density: 2.330 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 250 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 450 ft

Cement top: 3,501 ft

Burst

Max anticipated surface pressure: 9,663 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 12,565 psi

Annular backup: 4.00 ppg

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 10,693 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 17,120 ft
Next mud weight: 15.100 ppg
Next setting BHP: 13,429 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 13,193 ft
Injection pressure: 13,193 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
2	9000	7	26.00	HCP-110	LT&C	9000	9000	6.151	1933.5
1	4193	7	29.00	HCP-110	LT&C	13193	13193	6.059	874.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	5222	7686	1.472	9773	9950	1.02	283	693	2.45 J
1	7655	9200	1.202	9824	11220	1.14	49	797	16.23 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5280
FAX: 810-359-3940

Date: July 30, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 13193 ft, a mud weight of 13.5 ppg. An internal gradient of .121 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2008-07 QEP WV 12D-16-8-21(rev03-06 12DML)	
Operator:	Questar Exploration and Production	
String type:	Production	Project ID: 43-047-37870
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 15.100 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 305 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 7,450 ft

Burst

Max anticipated surface pressure: 9,663 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 13,429 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 13,351 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
3	13000	4.5	15.10	P-110	LT&C	13000	13000	3.701	1037.9
2	2000	4.5	15.10	Q-125	LT&C	15000	15000	3.701	159.7
1	2120	4.5	16.60	Q-125	LT&C	17120	17120	3.875	162.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
3	10197	14350	1.407	12523	14420	1.15	202	406	2.01 J
2	11766	15840	1.346	12963	16380	1.26	5	438	80.34 J
1	13429	19100	1.422	13429	18230	1.36	-25	496	-20.04 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5280
FAX: 810-359-3940

Date: July 30, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 17120 ft, a mud weight of 15.1 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 9, 2009

Laura Bills
Questar Exploration & Production Co.
11002 East 17500 South
Vernal, Utah 84078

Re: APD Rescinded – WV 12D-16-8-21, Sec. 16, T. 8S, R. 21E
Uintah County, Utah API No. 43-047-37870

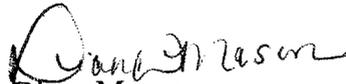
Dear Ms. Bills:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on April 13, 2006. On April 10, 2007 and April 9, 2008 the Division granted a one-year APD extension. On April 8, 2009, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective April 8, 2009.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner
Bureau of Land Management, Vernal



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

The operator of the well(s) listed below has changed, effective:

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
--	--

WELL NAME		CA No.	Unit:		WONSITS VALLEY		
SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
SEE ATTACHED							

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER
See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
See attached

7. UNIT or CA AGREEMENT NAME:
See attached

8. WELL NAME and NUMBER:
See attached

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See attached

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Questar Exploration and Production Company *N5085*

3. ADDRESS OF OPERATOR:
1050 17th Street, Suite 500 Denver, CO 80265

PHONE NUMBER: (303) 672-6900

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: See attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

COUNTY: Attached

STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*
Utah State Bond Number: ~~965003033~~
Fee Land Bond Number: ~~965003033~~ *965010695*
BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE *Morgan Anderson* DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WONSITS VALLEY
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WV 32	16	080S	210E	4304716513	5265	State	OW	P	
WV 74	16	080S	210E	4304720078	5265	State	OW	P	
WV 75	16	080S	210E	4304720085	5265	State	OW	P	
WV 134	16	080S	210E	4304731118	5265	State	OW	P	
WV 141	16	080S	210E	4304731609	5265	State	OW	P	
WV 127	16	080S	210E	4304731611	5265	State	OW	P	
WV 142	16	080S	210E	4304731612	5265	State	OW	P	
WV 9W-13-8-21	13	080S	210E	4304733223	14864	State	GW	PA	
WV 2W-16-8-21	16	080S	210E	4304733246	17123	State	GW	P	
WV 2G-16-8-21	16	080S	210E	4304733247	5265	State	OW	P	
WV 6W-16-8-21	16	080S	210E	4304733527	17123	State	GW	P	
WV 6G-16-8-21	16	080S	210E	4304733564	5265	State	OW	P	
WV 16W-2-8-21	02	080S	210E	4304733645	5265	State	OW	S	
WV 9W-2-8-21	02	080S	210E	4304733648	17123	State	GW	P	
WV 12W-16-8-21	16	080S	210E	4304733649	17123	State	GW	P	
WV 12G-16-8-21	16	080S	210E	4304733650	5265	State	OW	P	
WV 16W-13-8-21	13	080S	210E	4304733796	17123	State	GW	P	
WV 10G-2-8-21	02	080S	210E	4304734035	5265	State	OW	P	
WV 14G-2-8-21	02	080S	210E	4304734036	5265	State	OW	P	
WV 13G-2-8-21	02	080S	210E	4304734068	5265	State	OW	P	
WV 5G-16-8-21	16	080S	210E	4304734107	5265	State	OW	P	
WV 11W-16-8-21	16	080S	210E	4304734190	17123	State	GW	P	
WV 13W-16-8-21	16	080S	210E	4304734191	17123	State	GW	P	
WV 14W-16-8-21	16	080S	210E	4304734192	17123	State	GW	P	
WV 15W-16-8-21	16	080S	210E	4304734224	17123	State	GW	P	
WV 16W-16-8-21	16	080S	210E	4304734225	17123	State	GW	P	
WV 1MU-16-8-21	16	080S	210E	4304734288	17123	State	GW	P	
WV 3W-16-8-21	16	080S	210E	4304734290		State	GW	LA	
WV 4W-16-8-21	16	080S	210E	4304734292	12436	State	D	PA	
WV 5W-16-8-21	16	080S	210E	4304734321	17123	State	GW	P	
WV 7W-16-8-21	16	080S	210E	4304734322	17123	State	GW	P	
WV 8ML-16-8-21	16	080S	210E	4304734323	17123	State	GW	P	
WV 9W-16-8-21	16	080S	210E	4304734325	17123	State	GW	P	
WV 10W-16-8-21	16	080S	210E	4304734326	17123	State	GW	P	
WV 12BML-16-8-21	16	080S	210E	4304737824	17123	State	GW	P	
WV 12D-16-8-21	16	080S	210E	4304737870		State	GW	LA	
WV 15CML-16-8-21	16	080S	210E	4304737871	17123	State	GW	P	
WV 15DML-16-8-21	16	080S	210E	4304737872		State	GW	LA	
WV 16DML-13-8-21	13	080S	210E	4304738735		State	GW	LA	